MRInsights

The Battalion and Brigade Executive Officer

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How best can you use your executive officer (XO)? Procedures vary with personalities, but the principles remain fixed. I learned the business of command and XO duties from some great leaders and dynamic XOs. These officers collectively made the unit and the Army a better place to soldier. These lessons reflect my experience as a battalion and brigade XO, as a division chief of staff, and as an XO for a four-star general.

Commander's Intent

The intent for the XO is to free the commander to command the unit. On the battlefield, this is slightly modified to read: "To free the commander to command and lead combat forces." This means to free the commander's time, focus, mind, and spirit so he can see and achieve his vision of greatness for the unit.

The commander must be allowed to lead and train; to be the visible symbol of the unit's resolve; and the ever-present human leadership factor that is at the decisive point at the decisive time. He must be free to inspire, instill confidence in subordinates, and accomplish the "paragraph 2" mission. His focus is the mission and the soldier, without distortion or distraction. The XO keeps the commander from becoming mired in detail. This is a simple notion, but as always, the devil is in the details.

The Staff

The XO is the staff's principal trainer. The staff serves units, not individuals. The XO must coordinate, train, coach, teach, mentor, and balance the staff. There should be no favorites. While the S3 might be viewed as first among equals, all staff members must have the same access to the XO's time. All the staff should have the same opportunities to function, and all staff members must carry a depth of doctrinally correct responsibilities. The staff should have a feeling of balance. Each staff member has an important

product for the unit. There should be no "stacked decks," hidden agendas, or haves and have-nots. Commanders and subordinate units should have direct access to the staff, but the XO is the entry point in the headquarters for staff issues.

The XO should train the staff as a team. Staff members should attend physical training together, socialize as a team, and foster a team attitude and spirit. The XO should never allow staff members to compete in dysfunctional ways. There should be no ego games, posturing, or showmanship. The XO must reward competence, candor, and commitment. Dignity and respect are always operative words within the staff.

The XO must also ensure that staff members speak and write in doctrinally correct language. Doing so is a priority task. The XO will have a collateral effect on higher, lower, and lateral staffs by how well the staff coordinates, communicates, visits, and works with others. Often, others' impressions of the unit are filtered through interactions with the staff. Staffs, like commanders, focus two levels down—and up!

Systems: How the Unit Runs

The XO must learn and become an expert in the system of systems the Army and the command uses to make things work. To function properly, these complex systems require constant attention, maintenance, and training. The XO will have retained a wealth of knowledge from Army schooling and, therefore, will be familiar with the systems, which include personnel, intelligence, operations, logistics, and special staffs.

Personnel. The XO must learn the intricacies of assignments, promotions, disciplinary actions, morale and welfare, rewards and incentives, as well as keeping a focus toward unit strengths, balance, and talent. He should always know who is in

the rear and why the unit is in the field. He must keep an eye on any funds the unit might have and conduct an external audit if there are any discrepancies.

Intelligence. The XO should learn "the cycle" of intelligence and its relationship to priority intelligence requirements. Intelligence always structures any successful operation and is paramount at the outset of planning. The XO should know the systems the S2 can and should tap into, know what is routinely passed, and what can be obtained by request. Security clearances and physical security are normal collateral areas for the S2.

Operations. Training and operations are foremost and always most formidable. The 3-X series of field manuals (FM) are now operative, as are the older FMs. In addition to this core of knowledge, the XO must know ammunition, readiness reporting, and other local readiness requirements. S3s usually work non-mission essential task list (METL) support tasks as well as budgeting. The XO will find civil-military operations or S5 duties lurking about the environs of the operations arena. Civil operations and civilians on the battlefield are of such importance that the Army has added a C for civilian considerations to the time-tested mission, enemy, terrain, troops, and time available estimate of the situation. Even in peacetime, it is important to fit community relations and civilian partnering into the S5's rucksack.

Logistics. The XO must master the system of maintenance; learn how to fix or replace broken items; and get to know the organizational, direct support, general support, and higher systems and units. The XO should also master the supply system. This is critical, for the supply system has the capability to break or ground the unit. This is especially critical in heavy units where parts are expensive and numerous. One would not

allow his 18-year-old son or daughter to run the family finances, so the XO should not allow that in the unit. The XO needs to know who orders parts, period. Also important are supply, transportation, property book, and their subsystems, such as self-help. If the unit is on the ball, it will have cycles that focus on METL or individual training, gunnery, and so on, and cycles that focus on maintenance and self-help projects. A good unit is one that can do routine things, routinely. Continuity counts.

Special staff. The special staff must be integrated into the staff family. The signal officer has huge duties and mission responsibilities that expand with each advance in technology. Chaplains, maintenance officers, legal staff, and others also have roles, and there will be liaison officers (LNOs), who are formally attached as staff officers during operations. If the unit is a maneuver unit, and the artillery LNO is not in the unit's headquarters, the XO must rethink priorities. The headquarters commandant is a special case staff officer, and he is usually also the headquarters and headquarters company commander. The XO should also be involved in staff officers' evaluation reports. Finally, the XO should not invent his own systems, acronyms, doctrine, or methods that deviate from Army doctrine. The XO must use Army methods, doctrine, and systems, which are not subject to change. Standardization works; shortcuts fail.

Re-Fixing

A battalion or brigade commander in today's Army commands two battalions or brigades. Personnel turbulence is a sad reality of the personnel system, and the fact is that the commander and the command sergeant major (CSM) are the only tenured troopers for duty. The system's insatiable demand for branch-qualified majors and captains allows the XO few options. Company commanders and staffs turn over annually, or if fortunate, only every 18 months. The result is that the chain of command, staff, and unit leadership for a battalion or brigade commander's second year of command are all new. The XO will be commanding a "second" unit. All the things the commander fixed during his first year in command will have to be fixed again. I include the XO as one of the transients, although the Army's goal is that his tour will be for 24 months. The XO must anticipate this and work ahead of the phenomenon, discuss this eventuality with the commander, and work to identify future difficulties.

Black Hat/White Hat

In the old days, the good guys wore white hats, and the bad guys wore black hats. It is said that on U.S. Navy ships, the XO is the whipcracker, the enforcer, the bad guy. The captain is the "Old Man," who is above such daily rants. He is the father figure, the good guy. This, of course, is myth, but it involves a practical principle. Someone in the command group must dispense verbal "fire and destruction" if other methods are not working. Nothing erodes a commander's authority faster than for him to issue an order only to have it blatantly ignored without consequences. Few peer dynamics erode unit officer cohesion more than does having a rogue in the ranks who is left to his own methods. If the commander does not act, it is up to the XO to do so. How XOs handle such situations varies with personalities. It is best, of course, for the XO to tell the commander his intentions. The commander's reaction will usually provide clues as to where he stands.

Leadership policy does not advocate harsh, tyrannical treatment. No great leaders were screamers or "flamers," but I have never met a successful commander who could not be tough at the right time. The key is for the XO to focus on the problem, not the individual. A dressing down that attacks the person is wrong. The XO must make the individual understand that he is not the problem; it is the situation that is the problem. If the XO strips a soldier of his personal dignity, the XO will lose that soldier's respect, but if the XO strips someone of stupid or hardheaded actions, the soldier will thank the XO for doing the right thing. Respect is the operative word.

The XO should set the example in counseling the staff. Even if there is no time to do it, the XO must make time. One technique for periodic (monthly) counseling is to have staff officers bring their completed forms to counseling sessions. They should prepare three positives and three

negatives for discussion (softer terms would be "sustains and improves"). Counseling sessions can be meaningful training and learning experiences instead of awkward confrontations. Counseling builds teams.

XO or 2IC?

The term "second in charge (2IC)" in its current use comes from the British Army and reflects the commander's prerogative and flexibility to use the XO as he sees fit. Most command applications for an XO will be tactical or operational and are even reflected in the task organization of an operation or fragmentary order. The XO derives command authority from these sources. The XO is never the commander. Thus, if the question arises, "Am I an XO or a 2IC," the answer is "XO." Units whose span of control warrant a "2IC" are given deputy commanders on the modified tables of organization and equip-

Even so, a commander can use an XO as he sees fit. The XO must have a sense of what the commander needs as well as what he wants. The point is to tailor the unit's strengths and weaknesses to fit its mission. An XO will figure out quickly what the commander likes and does well and will be prepared to fill any gaps.

The XO, as the second senior member of the command group, is the commander's sounding board. The XO should understand better than others the commander's priorities, likes, and dislikes. That the commander can sound out an idea or unorthodox concept with the XO as a "free shot" should be understood. The XO should listen and give the best counsel and advice possible. The XO should never violate the commander's confidence. Likewise, the commander must honor the mentoring and sounding function.

I have known commanders who have put up signs over their office doors reading "No Surprises." The XO should have a set time or battle rhythm that allows for one-on-one time with the commander to bring him up to speed. The XO should present as much detail, or lack of it, as the commander wants. When in doubt as to what the commander wants, the XO should apply the magic technique: "Ask him." Trust and confidence begins with communication.

Despite dictums such as "maintenance is a command responsibility," the commander might confide in the XO that he hates motor pools and wants the XO to take that lead with that task. The XO should do so, but he should structure things so the commander shows up at key times and is always set for success. The XO should never knowingly allow the commander to be embarrassed.

Command Sergeant Major

The XO should become the CSM's partner. These two are the commanding officer's closest allies and constant bearers of the torch. They should discuss issues daily and provide the commander with solutions, suggestions, and assistance. The two have unique perspectives, insight, and information that the commander might not have. The XO and the CSM should make a pact to

share information, be it good or bad, and to always be bound by a search for the best solution for the unit.

Values

Values are important. The statement, "When in doubt, do the right thing," is perhaps trite, but it has enormous meaning. The values, ethics, and morality of the Army and the American people bind the right thing. The military bears special trust and confidence from American citizens in that it is given their most precious commodity-their children and family members-to care for and to nurture. All XOs must be true to their oaths and bear true allegiance to the U.S. Constitution. I have always been struck by, and used successfully, the moral hierarchy of American prisoners of war in the Hanoi Hilton. Their system of priorities asked, "What is best for my God (in the moral-ethical

sense), my country, my service, my unit, and (last) me?" This translates into the fact that what might be best for Company A might not be best for the battalion. This is not bad advice for an XO.

Time spent as an XO can be some of the most rewarding, fun, and valuable time of a career. The tips I offer here work, and, yes, I have tried or seen them all. Executive officers would do well to take them to heart.

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The Yom Kippur War: Indications and Warnings

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The 1973 Yom Kippur War ranks high in the annals of intelligence failures. Although the Israelis scored a tactical victory against the Syrians and the Egyptians, the victory came at a high cost in men and materiel. Syrian forces penetrated the Golan Heights and came within 10 kilometers of securing a key bridge that would have left northern Israel vulnerable to attack. On the southern front, Egyptian forces broke through and overwhelmed the Bar-Lev Line. This surprise attack brought down the government of Israeli Prime Minister Golda Meir and severely dented the reputation of Defense Minister General Moshé Dayan.

Israeli Security Doctrine

Despite winning three wars prior to 1973, the Israelis had to cope with how to address security needs with their small population. Compared to

Egypt and Syria, the Israelis could not economically field a huge standing army on its borders and could not sustain a protracted war on four fronts (Egypt, Jordan, Lebanon, and Syria). Thus, the Israeli concept of security was based on deterrence, early warning, and air supremacy. The rapid mobilization of its reserve forces depended on early warning, taking the battle to the enemy, and reaching a rapid decision on the political front.¹

Egyptian Security Doctrine

The Egyptians took great pains to study Israeli doctrine. Soon after the 1967 Six-Day War, they began to restructure their offensive and defensive techniques. Their objective was to fortify the western Suez and lay

All Arabic sources were translated by the author and represent his translation.—Editor

out plans for capturing the Sinai. Unlike previous wars in which national objectives were not outlined and weapons systems did not match doctrine or the education of the troops, the Egyptians began to clearly define the ways, means, and ends for the eventual liberation of the Suez Canal and parts of the Sinai. They broke their objectives down into three phases: defiance, active defense, and war of attrition. A fourth phase resulted from the cease-fire brokered by U.S. Secretary of State William Rogers.

The defiance phase (June 1967-August 1968) was to provide politically favorable conditions for the reconstruction of the armed forces and defense of the western side of the Suez Canal. The active defense phase (September 1968-February 1969) consisted of harassing Israeli forces and delaying their fortification of the east-

ern side of the Suez. Egyptian troops began to probe the Sinai and to draw plans for crossing the Suez and penetrating Israeli fortifications. The war of attrition phase (March 1969-August 1970) projected day and night raids into the Sinai that would eventually reach company strength. This was augmented with constant exchanges of artillery fire across the canal and imbued the Egyptian fighting soldier with a sense of confidence. Harassment tactics also included Egyptian frogmen who were to sink transports at the port of Eilat. (This action occurred in November 1969 and again in February 1970 and was the catalyst for using high-pressured water to breech the Bar-Lev Line.) As the result of the cease-fire, a fourth phase was developed and labeled "No War, No Peace" (August 1970-October 1973).

In spite of the cease-fire, the Egyptians continued to collect information and plan for a massive campaign, should political negotiations fail to return the Sinai. In November 1972, Egyptian President Anwar Sadat made the official decision to go to war.²

Egyptian Deception

The Egyptian deception plan can be divided into three components: economic, political, and military. A flood of communiqués and reports on Egypt's economic instability and its inability to afford another war were made public. The reports stressed the importance of a political solution to return the Sinai. Political deception stressed the status quo through the "No War, No Peace" slogan. The Egyptians highlighted their acceptance of the Rogers Plan and publicly expelled Soviet advisers. Many believed Sadat was working toward Western rapprochement. An element of the Rogers Plan stipulated that the United States would not look kindly at an Israeli first strike. This would cloud the Israeli decision to react in spite of growing intelligence indicating an attack. Military deception, the final component, involved a series of military exercises designed to act as faints for the real attack.3

The concept of surprise occupied a large portion of the Egyptian general command's planning. Coordination with Syria occurred 6 months before D-Day (6 October). Militarily, the plan was to deceive Israel as to the intention of launching an offensive operation. The Egyptians also had to be concerned with concealing its main assault's timing, size, and direction. An emphasis on the defense was undertaken as part of the deception. After enduring four wars, the Israelis had become accustomed to the Egyptians and Syrians fortifying and conducting defensive operations. Thus, preparations for defensive operations continued as normal and were even heightened because the Arabs knew that Israel expected this. This defensive strategy was heavily emphasized in military radio traffic. False reports of negligent standards, faulty missile systems, and the difficulty of absorbing tons of Soviet equipment were exchanged on open radio to deceive Israeli signals intelligence operatives.

The Egyptian military staged exercises with different force structures and sizes along the Suez so as to hide the true order of battle for the Suez Canal crossing. They assembled troop concentrations for the actual attack over a 4-month period, with crack units being moved three weeks before D-Day under the pretense of massive engineering projects for defensive fortifications of the western side of the canal. Crossing equipment was brought from the rear to the front and back again, along with incidental moves of combat engineer units, to deceive the Israelis into believing this was simply movement training. They conducted well-practiced mobilization of reserves in a way in which the maximum number of forces would be ready for zero hour. Forty-eight hours before H-Hour, 20,000 reservists were demobilized as Israeli monitors watched.4

Perhaps the simplest, yet most effective, deception plan was the use of a company of the most undisciplined soldiers in the Egyptian Army one day before D-Day. They were to further reinforce Israeli contempt of

Egyptian forces by washing their clothes along the canal and loitering about in an undisciplined fashion. Israeli reports indicated that they were pitiful in their appearance. They were eating oranges, swimming, and sucking on sugar cane stalks. Other deceptions included a public announcement by the War Ministry accepting applications from armed forces personnel wishing to make a mini-pilgrimage (Umrah) to Mecca during the holy month of Ramadan.⁵

An Egyptian destroyer squadron deployed in August 1973 under the pretence of an overhaul in India and Pakistan with port visits scheduled for Sudan, Yemen, and Somalia. Their operations order, delivered on 1 October, directed the squadron to blockade the Bab-el-Mandab Straits that connect the Indian Ocean to the Red Sea. The squadron's objective was to deprive Israel of needed petroleum products being shipped from Iran.

Who knew and when? The Arabs practiced extraordinary operations security. In Egypt, only Sadat, War Minister Field Marshal Ismail Ali, and a dozen generals of the General Command knew the plan. In Syria, not more than 10 people were told of the plans. Egyptian and Syrian divisional commanders were told of the war on 1 October. Brigade and battalion commanders of both sides were told of the war on 5 October while most troops and officers were informed no more than 2 hours before H-Hour.

What failed and why? The seeds of Israeli intelligence failure were sown in the tactical success of the Six-Day War. Israeli military intelligence developed a concept (the

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The following two review essays are also by Lieutenant Aboul-Enein.

"Conceptzia"), which stipulated that an Arab-Israeli war would occur only if certain conditions were met. A combined Arab attack would not occur unless Arab forces possessed the means to simultaneously attack all Israeli airfields. Hence, 1975 was deemed the year of attack. Egypt was acquiring long-range Soviet fighterbombers and would have adequate pilots and aircraft for the attack by 1975. Here, the Israelis practiced mirror imaging, a cardinal intelligence

Another aspect of the concept was that the Suez Canal, with the formidable Bar-Lev Line, would be a sufficient barrier to give the Israelis enough time (48-hours) to mobilize. They did not expect an attack during Yom Kippur, the Jewish High Holiday, when only a skeletal force was deployed and mobilization was difficult. Finally, it was believed that the Arabs would not attack unless they possessed enormous stockpiles of weapons and equipment and that they were only capable of guerrilla warfare, not conventional attacks, as evidenced by their performance in three wars. This concept was adopted fully by Israel's chief of military intelligence, and he squashed any indicators that violated these "rules."8

Israeli intelligence is divided into five branches, with a focus on Aman, which according to the Agranat Commission that looked into the Israeli military's failures, was responsible for the national intelligence estimate and bore responsibility for the intelligence failure. Israeli intelligence was vulnerable to the Conceptzia.

Since 1963, reorganization led to Aman being arranged along strict military lines. Officers were assigned at Aman for 6 to 7 years. By the early 1970s, no outside thinking took place, and no contradiction of analysis was made within this strict military hierarchy.9 A searing example of this is the story of Lieutenant Benjamin Simon-Tov, who 5 days before the war argued that Egyptian exercises and deployments were a camouflage for a real assault. His report sat on the desk of his commander, Lieutenant Colonel Gedaliah.¹⁰

What did not help was Sadat's declaration that 1971 would be the Year of Decision. The year came and went with Sadat being seen as crying wolf. His threats in 1972 and 1973 were not taken seriously.

Indicators and Distractions

Israeli and U.S. estimates analyzed Egyptian and Syrian exercises over the course of several years, and each year the exercises grew larger, finally involving division-size maneuvers. Landlines were installed between Cairo and the Suez, which negated the need for radio traffic. There were civil defense exercises and the stockpiling of war materiel. In addition, elite Egyptian commando units were detected along the front. Even with such indicators, Aman was still distracted.

From 1969 on, Israeli intelligence distracters included a new emphasis-terrorism. The Palestinian Liberation Organization was active in 1972. The Lod Airport was attacked, the Munich Olympics was disrupted, an Israeli diplomat was killed in London with a letter bomb, the Israeli Naval attaché was gunned down in front of his home in Maryland, and a train carrying Soviet Jews on their way to Israel through Austria was hijacked. Many intelligence specialists were drained from other sources to form a new antiterrorism cell, which affected Israel's ability to concentrate on Syrian and Egyptian maneuvers.11

In May 1973, at a cost of \$10 million, the constant deployment of Egyptian and Syrian forces caused a mass mobilization of Israeli reserves. The attack never came, and there was criticism within the government regarding frivolous deployments. The most intriguing warning came from King Hussein of Jordan, who personally warned Meir that a combined Egyptian-Syrian attack was imminent.12 Hussein had an interest in keeping Damascus weak through Israeli clashes. His message went unheeded.

The results of the war that Israel failed to imagine was 2,700 Israeli dead, the majority of whom died in the first two days of combat. Israeli losses in tanks and armor were so enormous that Israel beseeched the United States for an immediate airlift. The Egyptians, used to advancing under a timetable, stopped and did not advance toward the Giddi and Mitla Passes. This allowed the Israelis to mobilize an effective counterattack and surround the Egyptian Third Army.

Aman is guilty of several violations of intelligence analysis, including building an impregnable psychological barrier through adherence to strict concepts. Instead of influencing policymakers, Aman was influenced by disinformation.

The Israeli military establishment lacked private strategic think tanks to provide checks and balances on intelligence appraisals. The Israelis had no contingency plans for a surprise attack. They relied solely on the competence of their early warning apparatus. All force mobilizations were based on the success of their intelligence organizations. Israeli defense forces' mobilization plans were based on having 48-hour warning, not the 10 hours that occurred during this war.13

When B. Lidell Hart visited Israel in March 1960, he stressed to Israeli officers that the Israeli Defense Force's greatest danger lay in its success; victorious armies become overconfident.¹⁴ Hart's prophetic warning became reality 13 years later. MR

NOTES

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MRReview Essay

The Yom-Kippur War: Memoirs of Egyptian Generls

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During the last decade, Egyptian generals have written prolifically about the 1967 Six-Day War and the 1973 Yom Kippur war. Many articles and books have appeared explaining the strategic and tactical aspects of these wars with particular interest in how Egypt, rising from the ashes of the defeat of the 1967 Six-Day War, was able to accomplish the total surprise of crossing the Suez Canal. Mohammed Al-Jawadi's book, Al-Nasr-al-Waheed, Muzakiraat Al-Qaada Al-Askariya Al-Masriyah Alf wa Tisoomeah Thalathah wa Sabeen [The Only Victory, Memoirs of Senior Egyptian Army Commanders in 1973] (Cairo: Dar-al-Khiyal Press, 2000), features the collective memoirs of five flag officers in the Egyptian army who participated in the strategic planning or tactical execution of the 1973 Yom Kippur War. The book offers valuable insight into Egyptian military planning, strategic thought, and perceptions of military strengths and weaknesses.

The book represents a purely Egyptian perspective of the 1973 war. To many Egyptians the war was a political and military victory even though the reality was that Israeli units surrounded the Egyptian 3d Army and that Israeli units crossed to the western side of the Suez Canal. For a much broader study, read Chaim Herzog's *The Arab-Israeli Wars* (London: Lionel Leventhal, 1982) and Michael Oren, *The Six-Day War* (London: Oxford University Press, 2001).

Field Marshal Abd-Al-Ghani Al-Gamassy

Former Field Marshal Abd-Al-Ghani Al-Gamassy, who graduated from the Egyptian military academy

in 1939 and remained on active duty until 1978, is considered to be a military hero by most Egyptians. He was director of operations for all forces participating in the 1973 Yom Kippur War. The book focuses on the key posts that prepared Gamassy for command. In 1961, he was assigned as an armored brigade commander. In 1966, he assumed the post of chief of operations for Egypt's land forces. During 1967 he attempted to conduct a land campaign with General Ismail Ali, who became war minister in 1973. Gamassy was deputy director of military intelligence until 1970 when he became chief of operations for the combined Arab forces during the War of Attrition. In 1971, he assumed the additional duty of head of military training, and by 1972, he was chief of operations of the Egyptian General Staff.

Gamassy's memoir opens with his opinions about civil-military authority: "I know very well that war is a continuation of politics by another means. I also believe that politics have their leaders and thinkers who can explain Egypt's political situation between 1967 and 1973 better than I can. That is why my memoirs focus on the military aspects of the campaign and how policymakers utilized the military option as part of a grand design to achieve Egypt's national interest."

Gamassy wishes to set the record straight about the selection of 6 October 1973 as the start date for the war. Many feel that this date was chosen because it fell during the Jewish holiday of Yom Kippur. He states that there were multiple factors regarding the selection of D-Day and that the Egyptian General Staff contemplated several possible dates dur-

ing September and October 1973. The Jewish holiday was a factor, but not the single driving issue that decided the date of attack.

The General Staff looked for a date when hydrological and meteorological conditions and the amount of moonlight offered the best environmental factors for the initial attack. With these conditions in mind, Gamassy, using pencil, pen, and paper to ensure maximum secrecy, formulated several dates for D-Day. He delivered his handwritten report to War Minister Ismail Ali, who discussed the matter with President Anwar Sadat at his Burg-al-Arab Retreat in Alexandria in the first week of April 1973. Gamassy credits his operations staff with formulating the best month for attack and does not take the entire credit for the proposal to attack on 6 October.

Gamassy's report was shared with Syria's President Hafez-al-Asad, who was in Cairo for secret talks with Sadat about the pending war plans. The possible start dates occurred during May through August or September through October 1973. The Syrians pushed for an October through November attack, agreeing that the joint attack would not occur until the Syrian and Egyptian chiefs of staff met in August 1973 to put the finishing touches on the war plan and to agree on a precise day of attack.

The 1967 Six-Day War had shaken the foundations of Egyptian society and its armed forces, in particular, which almost immediately began a critical self-examination of military and political failures. Candid discussions about the failures that led to that debacle could only be discussed within the armed forces. The discussions led the Egyptian General Staff

Operations Center to establish a cell to address specifically the issue of national military preparedness. Representatives from key ministries were asked to make proposals of what their plans would be should war break out between Egypt and Israel.

One benefit to this brainstorming was a key understanding of the Foreign Affairs Ministry position. Gamassy points out that the planning that occurred with the Ministry of Petroleum was invaluable. They were able to assess what petroleum reserves were needed to feed Egypt's war machine in case of attack should Israel succeed in targeting key installations. The Ministry of Infrastructure educated the armed forces on what was needed to protect key dams and other locations that led to a complete defensive plan of the Aswan High Dam. The cell resolved many issues, including the operation of civil aviation during the opening of hostilities and protecting electrical power to cities.

On 13 December 1972, the Council of Ministers, coordinating with the Defense establishment, created an Emergency Coordination Committee under the direction of General Abdullah Abd-al-Fatah, Deputy Minster of War. The committee was to address issues of how to operate the government and supply the population with energy and food while the army was engaged in war. The organization would make decisions within the civil sector to balance military and civilian needs during the war.

What also helped Egyptian military planners was that many highlevel commanders, such as Gamassy, Admiral Fuad Abu Zikry (Head of Egyptian Naval Forces), and Ismail Ali (War Minister), had been students together in the 1965 Nasser Higher Military Academy class. They knew one another's strategic thinking, had participated in group wargaming, and had shared the humiliation of the 1967 war.

Gamassy assumed the role of chief liaison to the Syrian Armed Forces in 1970 and retained this responsibility while changing billets even during his assignment as Director for Operations during the 1973 war. Aside from his operations staff, he created a

separate cell of officers who helped coordinate militarily with the Syrians. For 3 years, the group arranged exchanges and meetings with the focus of understanding respective chains of command and military doctrines as well as assessing each other's command and control abilities. Gamassy also required honest assessments of each other's strengths and weaknesses to plan the military campaign. What the Egyptians did not want was the typical military cooperation that was mainly for political show but did not have any military value or substance.

Among the most sensitive issues Gamassy talks about is U.S. military aid to Israel during the 1973 war. Because Israel's air fleet was not sufficient to resupply Israel with warfighting materiel, it needed help from the United States to make up for horrendous losses incurred during the opening days of the battle. Gamassy lays the blame for Egypt's inability or failure to regain the Sinai squarely on U.S. Secretary of State Henry Kissinger. Gamassy believed Kissinger made a deal with Israeli Prime Minister Golda Meir. According to Gamassy, the airlift lasted 33 days (from 13 October to 14 November) and transported a total of 22,497 tons of military materiel, with an estimated 5,500 tons being transported by Israeli civil aviation.

Gamassy also discusses the sealift of military equipment to Israel after the war, but his memoir does not address the greater Cold War issues of Soviet support to Syria and Egypt and U.S. support to Israel. The focus is on U.S. intervention that denied victory to Egypt and her Syrian ally.

One of the most controversial issues of the 1973 war involved a dispute between General Saad-Al-Deen Al-Shaazli and Sadat. The dispute revolved around Shaazli's wanting to withdraw four brigades from the Sinai to reinforce positions that Israeli forces were attacking on the western side of the Suez Canal.

On the evening of 19 October, Sadat arrived at the operations center to receive his regular briefings from the war minister and members of his staff, which included Ibrahim Fuad Nassar, director of military intelligence; Gamassy as director of operations and head of artillery, air force, and navy; and Shaazli, the army chief of staff. During a 1-hour conversation with the war minister, Ismail Ali was told of Shaazli's decision to withdraw four mechanized infantry divisions from the Sinai back to the western side of the Suez Canal. Sadat, noting the difference in opinion between Shaazli and Ismail Ali, decided to convene a roundtable meeting and be briefed by each flag officer.

Ibrahim Fuad Nassar, director of intelligence, explained that the battle with the Israeli Army had spilled onto the western side of the Suez Canal with battles in the Egyptian cities of Suez and Ismailliah. Gamassy explained that Egyptian forces were well entrenched in the Sinai and that withdrawing any divisions from there would give the impression of a retreat, which would have a dreadful psychological effect on Egyptian forces. When Shaazli's turn came to speak, he remained silent. From this, Sadat concluded that no units were to be withdrawn from the Sinai. Although not mentioned in Gamassy's memoir, Western accounts of the events reveal that Shaazli's brooding over the matter caused him to suffer a nervous breakdown and subsequent removal from command.

Gamassy includes in the book a discussion of the strategic directive Sadat issued to his war minister, post-dated 5 October 1973, which articulates his intentions down the military chain of command. The document details that, based on political-military guidance issued on 1 October 1973 and the strategic-political situation, Sadat decided to task the armed forces with accomplishing the following strategic objectives:

- Change the military stalemate by breaking the UN-brokered cease-fire.
- Overwhelm enemy defenses and inflict the maximum amount of military casualties.
- Liberate occupied territory in stages, based on the armed forces' capability and the campaign's development.

Egyptian armed forces were to accomplish these objectives alone or in collaboration with Syrian armed forces. Ismail Ali insisted that Sadat produce these objectives in writing to clearly demonstrate that this was a political decision by Egypt's president. The document also would demonstrate that Sadat's intention was not to liberate the entire Sinai but to change events on the ground that would lead to an eventual favorable settlement regarding Egyptian territory that Israel occupied.

A key question that plagues Egyptian military thinkers who assess this campaign is, "Why did the Egyptian Army not press the attack beyond the Suez Canal and into the Gidi and Mitla Passes until 14 October?" Gamassy explains that overwhelming the Bar-Lev Line, securing the Suez Canal, and pressing the attack east toward the passes were all part of the military plan that he, Shaazli, Ismail Ali, and Sadat formulated and agreed to. Securing the passes would be crucial to denying Israeli ground units the ability to easily reinforce or regain the Bar-Lev Line.

Gamassy outlines three major obstacles in preparing Egyptian forces for combat that preoccupied Egyptian military planners. One was switching the mentality of the entire armed forces from the defensive to the offensive. This particular obstacle included expunging political intrigue from the army so senior leaders could concentrate on tactical planning for the liberation of occupied Egyptian territory. Political intrigue was not to be tolerated. This housecleaning was to begin at the general staff level and trickle down to unit commanders. The second obstacle was to plan the war using weapons and capabilities in the Egyptian inventory, not with those promised by the Soviets. This would serve the Egyptians well in their deception campaign, as the Israelis refused to believe an attack was imminent unless the Egyptians acquired state-ofthe-art Soviet fighter-bombers. The third and final obstacle was the need to coordinate with Syrian armed forces over a period of stages from the political (Sadat-Asad) level to senior military commanders.

Gamassy's book continues with his observations on how the Egyptians for the first time truly studied Israel's mobilization, command structure, and the former Arab-Israeli Wars, paying particular attention to the 1967 Six-Day War and the 1956 Suez Crisis. Their victory during the 1973 Yom Kippur War showed that the Egyptians had learned from past mistakes.

General Saad-Al-Din-Al-Shaazli

General Saad-Al-Din-Al-Shaazli. who graduated from Egypt's Military Academy in 1940, witnessed events at El-Alamein first hand as a junior officer accompanying King Farouk to the front. Through the association with a senior mentor, Shaazli joined the paratroopers and eventually commanded a paratroop unit before the 1967 Six-Day War. In the Yemen War (1962-1967), he led special forces units against guerrilla tribesmen loyal to the Yemeni monarchy. Shaazli's unit was recalled to Egypt during the 1967 Six-Day War, but it arrived too late to participate in any engagements. Sadat named Shaazli Army Chief of Staff in 1971.

Shaazli is one of the more controversial figures in modern Egyptian military history. After disagreeing vehemently with Sadat and members of the general staff over the relocation of forces to help repel Israeli incursions into the western side of the Suez Canal, he was relieved of command and sent into political exile. He remained an outspoken critic of Sadat and eventually took refuge in Libya, even dabbling in the Islamist movement.

In formulating the overall objectives for the 1973 war, Shaazli wanted to only focus on capturing the Suez Canal and go no more than 15 kilometers (km) east of the canal. This offered protection for Egyptian forces under the umbrella of its extensive network of surface-to-air missiles (SAMs). Ismail Ali pressed Shaazli to plan for an attack beyond that range to convince the Syrians to enter the war simultaneously with Egypt. According to Shaazli, he was not directed to develop plans to secure the passes in central Sinai until April 1973, and the entire plan was drawn up hastily for the sole purpose of keeping the Syrians on the Egyptian timetable of attacking on 6 October. Shaazli remarks, "We prepared a new plan based on an old one labeled Operation Granite which was

developed to address how to proceed beyond the canal and secure the passes; we labeled this one Granite 2 after making minor revisions. This plan was then added to Operation Badr (the crossing of the Suez Canal), and it was presented to the Syrians as one plan. The Egyptian High Command, however, understood Operation Badr to have two phases with the second phase (Granite 2) to be executed based on the military and political developments of the campaign."

Shaazli wanted to withdraw four brigades from the Sinai to relocate them on the western side of the Suez Canal to help repel Israeli units attacking the cities of Suez and Ismailliah and to help prevent Israeli units from crossing to the western side of the Suez Canal. Shaazli admits that he did not speak out during the evening conference with Sadat and the General Staff. He felt that Sadat had already made up his mind (backed by Ismail Ali and Gamassy) not to withdraw a single soldier from the Sinai. Shaazli says, "I was not aware until that second of the political game, and I thought that Ismail Ali's reluctance to withdraw forces was merely tactical stubbornness and not part of the wider political game. So I decided to take the case directly to President Sadat." In another instance, during a discussion with Ismail Ali about withdrawing the 25th Mechanized Brigade, Shaazli recounts, "It became apparent to me that the War Minister had been directly given instructions from Sadat, that their decision had already been made and that further opening or mentioning this issue would incur his displeasure."

On the night of 19 October, as they waited for Sadat to arrive, Shaazli again beseeched Ismail Ali to be forthright about the issue of countering Israeli forces entering the African side of Egypt. According to Shaazli, Ismail Ali said that he did not want to bring up these issues, became agitated, and threatened immediate court martial if Shaazli continued to highlight these problems. Shaazli felt that this decision was Ismail Ali's, not Sadat's. Ismail Ali did not want to reveal Egyptian weaknesses to Sadat.

Egyptian military officers continue to debate this situation, and it has been featured in several Arabic books on the war. Some writers are critical of Shaazli, others consider Sadat's and Ismail Ali's decision a tactical blunder.

Unlike other generals, who focus on tactics, and unlike Gamassy, who looks into the campaign's strategic aspects, Shaazli's account contains many statistics about the men, materiel, and equipment used for each phase of the war. Crossing the Suez Canal and breaching the Bar-Lev Line on 6 October 1973 are considered brilliant feats of combat engineering and tactical surprise. The breach occurred in 18 hours with the loss of 5 combat aircraft, 20 tanks. and 280 men. In that time, three mechanized and one infantry brigade crossed the canal into the Sinai. Of over 100,000 troops who crossed the canal-

- □ 32,000 crossed on rubber boats.
- □ 5,500 crossed inside tanks, armored vehicles, trucks, amphibious vehicles, and Jeeps on floating platforms and were ferried across the Bitter Lake and Lake Timsah.
- □ 1,500 crossed using light pontoon bridges.
- □ 61,000 crossed using heavy pontoon bridges.

Another item that occupied Shaazli after the initial success of overwhelming the Israelis on the Bar-Lev Line was the quality of tanks. He explains that the Israeli tank was superior to the mix of Egyptian tanks that crossed into the Sinai. The Israelis had 960 tanks in the Sinai. Egypt had over 1,000 tanks, but they were a mix of T-62s, 54s, and 55s. Only 200 Egyptian tanks were T-62s, equal in range and quality to Israeli tanks equipped with 105-millimeter (mm) guns as well as excellent range-finding equipment. Egyptian military planners wanted to counter the Israeli advantage by not employing their weaker tanks in open desert where range dictated the outcome of a tank battle. Instead, they hoped to combine antitank SAGGER missiles with their inferior tank force to equalize the battlefield. Egyptian planners understood that Israeli doctrine called for tank-on-tank battles

with no reliance on infantry. Egyptian strength was the reverse, and Egypt planned accordingly.

Shaazli's memoir details the equipping of Egyptian forces by the Soviet Union and the disagreements over tactics and strategy. Gamassy and Shaazli offer a complete account of the military strategic perspective of the 1973 war from the Egyptian viewpoint and no doubt serve as required reading for Egyptian senior officers attending the Nasser Academy for Higher Military Studies.

General Abd-Al-Minaam Khaleel

General Abd-Al-Minaam Khaleel was of the same generation as Gamaasy and Shaazli, having graduated from the Military Academy in 1941. He assumed command of the Egyptian 2d Army during the 1973 war. His memoir details the study of the 1956 Suez Crisis as a template for infantry tactical planning for the 1973 war. He says, "Among the battles carefully analyzed was the one at Abu Ageila in which I read Moshe Davan's account that this battle was the most difficult for Israeli Infantry Divisions on their way to the Suez Canal." Khaleel's careful analysis of Israeli performance during the 1956 Suez War was used to develop the initial tactics of using antitank weapons to strengthen Egyptian infantry. Khaleel was first to delineate between the successful victory of the initial assault then to admit that the Israelis seized the initiative after 14 October when his forces were beyond SAM protection.

Beginning in May 1971, Shaazli gathered the senior commanders of the Egyptian 2d and 3d Armies along with Gamassy and their respective staffs to create an offensive plan to regain the Suez Canal and, potentially, portions of the Sinai. Breaching the Bar-Lev Line, dealing with mines, logistics, and the mechanics of the actual crossing were discussed with each member, who were given 4 weeks to solve tactical problems and propose new ones for the next meeting.

In dealing with breaching Israeli mines, the Egyptian combat engineers borrowed heavily from tactics learned during the 1962 Yemen War, where they had to contend with guerrilla ambushes and where they developed systems whereby a tank was equipped with de-mining equipment. Their efforts were put in writing in a classified document known simply as Official Circular Number 41. This document also detailed how the Egyptians could not advance 8 to 10 km beyond the eastern side of the Suez Canal forces because they would not be protected from Israeli air assaults.

Khaleel discusses the debates among the General Staff on issues such as the need to advance to the passes immediately after securing the Suez Canal because any delay would result in Israeli reserves being called up to reinforce the region. Egyptian tanks would only encounter Israeli tanks, because the Israeli air force would be occupied with Syria, dealing with the classic tactical problem of defense in depth.

General Yousef Afifi

General Yousef Afifi's memoir offers more of a ground view of the 1973 war. He commanded the 19th Infantry Brigade, one of five that crossed the Suez Canal into the Sinai on 6 October 1973. His particular unit crossed from the city of Suez into the Sinai. He lists the officers who had commanded each of the five brigades and discusses the military challenges he faced in scaling the Bar-Lev Line. He outlines methods by which infantry units trained as they would fight and discusses the endless exercises that involved scaling a 22meter (m)-tall model of the Bar-Lev Line while carrying gear and weapons. The soldiers also practiced setting up water cannons and penetrating replicas of sand barriers.

During operations, Afifi's 19th Infantry Brigade scaled the Bar-Lev Line and remained in the Sinai for 26 hours before the bulk of tanks and armored vehicles crossed the Suez Canal. Afifi's brigade used antitank and light weapons to keep the Israelis suppressed in their reinforced bunkers. Egyptian artillery also kept up an unending barrage during the crossing of Egyptian forces into the Sinai.

Many of Afifi's men scaled the Bar-Lev Line at the same time the engineers were using high-pressure hoses to penetrate the sand barrier. He recounts how the water made going up the barrier extremely difficult. Some soldiers abandoned their portable ladders and climbed on each other, forming a human ladder on the side of the fortification.

Afifi also recounts how his unit undertook night operations while knowing that the Israelis had perfected this type of warfare. This was the first time Egyptian forces had conducted night combat operations. Infantry units reached as far as the Mitla Pass, one of three main passes in the center of the Sinai connecting Egypt and Israel. Afifi's detailed daily account of his unit's fight in the Sinai outlines the difficulties of command and control during infantry engagements between Israeli and Egyptian forces

Colonel Bgen Adel Yussri

Colonel Bgen Adel Yussri and his 7th Infantry Battalion represent the concept of valor to many Egyptian army personnel. His unit endured fierce fighting as they pushed 19 km past the Suez Canal into the Sinai. Yussri lost a leg, and many of his soldiers were posthumously and personally decorated for valor. His unit helped capture of the 190th Israeli Tank Brigade and its commander Colonel Asef Yagouri.

Yussri's unit received orders on 14 October to proceed toward the Gidi and Mitla passes. Their mission was to relieve pressure on the Syrian front, to destroy Israeli logistics bases in the Sinai, and to advance from 10 to 40 km inland. They were to keep Israeli armored units from entering the passes and to begin a counteroffensive against Egyptian forces in the western Sinai.

Yussri and his force witnessed a punishing Israeli air offensive on 15 October. On the night of 15-16 October, Israeli forces began a counteroffensive, which ended with an Israeli penetration between the Egyptian 2d and 3d Armies and the envelopment of the 3d Army. Yussri also admits the effectiveness of the Israeli Air Force in destroying Egyptian SAM sites. Israeli fighters eventually dominated the sky.

Yussri treats readers to his strategic opinion of why the Israelis did not press their attack and dislodge Egyptian forces from the Sinai. The Egyptian 3d Army would eventually be decimated by starvation if not resupplied. Yussri explains that the Israelis also had problems. They had a 300-km-long logistic trail; they suffered massive losses in tanks and materiel; and they expended the majority of Israeli reserves on the Syrian front. So a tenuous stalemate ensued in which Gamassy negotiated humanitarian relief of the Egyptian 3d Army and the eventual cease-fire with the Israelis.

Conclusion

While this article gives only a glimpse of the actors and actions of the 1973 Yom Kippur War, many other untapped Arabian sources of information await military historians. The Syrians, who are the most enigmatic combatants of this war, have yet to produce any major literature about their participation. My hope is that more analyses and translations of works from Arabic to English will occur to enrich the understanding of combat tactics and military strategy from the Arab perspective.

The Saudis: Inside the Desert Kingdom

Lieutenant Youssef H. Aboul-Enein, U.S. Navy

With rumblings about possibly ejecting U.S. forces from Saudi Arabia, it is important to dust off some old books regarding the Desert Kingdom to understand where America's relationship with Saudi Arabia has been and where it is going. Journalist Sandra Mackey's 1987 book The Saudis: Inside the Desert Kingdom (Penguin Books, New York) is one such old book. From 1978 to 1980 and again from 1982 to 1984, Mackey lived in Saudi Arabia with her husband, who worked as a dermatologist at King Faisal Specialist Hospital.

During her sojourn, Mackey wrote an anonymous column for the *New York Times* in which she described Saudi society and politics. Mackey also landed a job at the Saudi Ministry of Planning and was privy to that nation's 5-year plans to modernize the infrastructure and to deal with the problems that were impeding industrialization.

When writing on Saudi Arabia one cannot rely on open-source information. To penetrate the inner circle of princes, tribesmen, and religious scholars, a journalist must be armed with a sharp memory and an unassuming manner. Although Mackey's book is not what I would call scholarly, it does point out major problems of Saudi society in a kind of tell-all narrative.

The book begins by humorously describing Saudi customs and Draconian methods of implementing moral views on an unsuspecting group of travelers arriving in the Kingdom. Mackey insightfully points out the lack of education, the need to dominate, and finally the efforts to keep impurities such as pork, alcohol, Christian bibles, and crosses out of the country. The book is filled with anecdotes about foreigners roughing it in Saudi Arabia, but once the reader wades through those, he will find important nuggets of information to help him understand the Kingdom's customs.

Mackey delves into the history of Saudi Arabia's founding, a truly remarkable story of how Abdul-Aziz Al-Saud left exile in Kuwait to lead several dozen warriors to liberate his ancestral home of Riyadh. By 1932, through tribal alliances, war, and marriage, he had unified Saudi Arabia into its present form.

The Al-Saud family had to make two alliances with radical Islam. One alliance occurred in the 18th century with Muhammad ibn Abdul-Wahab, a revivalist Muslim scholar who wanted to purge Arabia of pagan practices and the influence of Islamic mysticism (Sufism). The rulers of central Arabia saw in this the potential of winning political and religious tribal support through religious legitimacy. The second alliance was made in the 20th century when Abdul-Aziz was trying to unify the country. Abdul-Aziz used the Ikhwan, a group of militant Islamic warriors living in Northern Arabia, as a lightning strike force in his campaigns. However, by 1929, they were challenging his authority and religious beliefs. This led to a serious revolt in which Abdul-Aziz subdued the rebels with machine guns.

The tie between the Al-Sauds and Abdul-Wahab can be seen today in marriages and connections between the Royal Family and the family known as Al-Ashaykh, who are descendants of Abdul-Wahab, from which the word Wahabism comes. What Mackey does not discuss is that calling a Saudi a Wahabi is not polite. Saudis usually refer to themselves as Muwahidun (those who preach unity with God) or simply Muslims. The Muwahiduns are considered one of the most conservative sects of Sunni Islam, and elements of Arabian tribal tradition has found its way into their religious laws. Only with a thorough understanding of the Shariah (Islamic Law) can a person distinguish between tradition and law.

Mackey lists the many princes and princelings of the Royal Family and shows how the line of power directly relates to the person's relationship to Abdul-Aziz and to the person's competence, age, and matrilineal line. Mackey illustrates her point by discussing the ascent of Fahd to Crown Prince and of his full brothers' occupation of key positions in the Saudi government. Nicknamed the Sudairi Seven, the brothers are the major decisionmakers in Saudi Arabia. Among their numbers are Naif, the interior minister; Sultan,

the defense minister; and Salman, the governor of Riyadh and deputy governor of Mecca. The current regent, Abdullah, is not a Sudairi, and cracks in the royal family can be seen in the resentment family members feel in not sharing the Sudairis' wealth, prestige, and power.

Mackey was privileged to attend a royal wedding. She describes the princesses' range of tastes and education, from the elite, well-dressed, and well-educated Al-Faisal line, from which Foreign Minister Saud-Al-Faisal comes, to the gaudier members of the family.

One of the titles the Saudi king has assumed is Guardian of the Two Holy Mosques of Mecca and Medina. This authority was challenged in November 1979, when Juhaiman Al-Utaibi and 200 followers seized control of the Grand Mosque of Mecca and held hostages for a week during which a microphone blared about the corruption of the Al-Sauds. One week of serious hand-to-hand fighting occurred before this crisis was resolved. Mackey capably describes the events as well as the mood of the Saudi Arabian people during and after the incident.

After the crisis, many Egyptians, Yemenis, and Sudanese nationals were executed or implicated in aiding Juhaiman and his followers. A statement made by Abdul-Aziz El-Tuweijery, Deputy Commander of the National Guard, is revealing. He stated that the weapons Juhaiman used came from a National Guard arsenal. This is significant because Juhaiman served in the National Guard, and this military unit, recruited exclusively from the Najd (Central Arabian) tribes, is considered by the Royal Family to be the most loyal fighters. Although not covered in the book, the National Guard is charged with overseeing any dissension within the Regular Army and is controlled by Prince Abdullah.

Mackey tells interesting stories about life as an expatriate, including ways she got around conservative Saudi laws. One permanent fixture of life in Saudi Arabia is the Mutawain (religious police) who roam the streets in search of those who

might offend their version of morality. Typically, the Mutawas are young males, who derive pleasure and empowerment from physically harassing people, such as shopkeepers who do not close promptly during prayers or women who are not properly veiled. Mackey describes an incident in which she was assaulted by Mutawa for showing too much of her bare arms. [As a child, a Mutawa confiscated my roller skates because they offended his sensibilities.] Many foreigners get around alcohol prohibitions by brewing their own beverages, including moonshine called Siddequi (my friend).

Mackey ably highlights the business elite, including the Al-Rajhi, Al-Kaki Bin Mahfouz, and Bin Laden families, who built empires in trade, construction, and banking, respectively. The "Bin" in front of the last name denotes families from Yemen. They possess shrewd business skills, which are combined with sharing profits with the Royal Family to gain concessions and to further their fortunes in Arabia.

Mackey ends the book with a discussion about the Al-Saud quest for turning money into security through its multibillion-dollar investment in King Khalid Military City. The project, which began in 1976, is designed to house 70,000 troops. Many U.S. defense and construction companies, such as Bechtel Steel, benefited from this element of the Saudi's third 5-year plan. By the time Iraq leader Saddam Hussein threatened Saudi Arabia, the U.S. military had a city that was compatible with U.S. equipment. Many Saudi Muslim radicals see this investment as another way in which the United States has encouraged the squandering of Saudi petroleum wealth.

Although Mackey's book is important, I recommend Robert Lacey's *The Kingdom: Arabia and the House of Sa'Ud* (New York: Harcourt, 1982), which is one of the best histories of modern Saudi Arabia. Unlike Mackey's book, *The Kingdom* is more scholarly in its approach and dispenses with the cute anecdotes of expatriate life in Arabia.

Robert E. Lee: Three Views

Major James Gates, U.S. Army

One of the pleasant problems with studying history is that few things are black and white. Many historians have examined, and disagreed on, the South's attempt to preserve its "peculiar institution" and to achieve independence.¹

One of history's never-ending, never-to-be-solved controversies concerns Confederate strategy during the American Civil War, about which accusations and counteraccusations began flying soon after the war ended. Three recent investigations by Robert G. Tanner; Pia S. Seagrave and Edward H. Bone-kemper III; and Michael A. Palmer take radically different views on Confederate General Robert E. Lee and Southern strategy.

Tanner's Retreat to Victory: Confederate Strategy Reconsidered sets out not to reconsider Confederate strategy but to defend it to the hilt.² Although in places Tanner presents a detailed, cogently argued case, sloppy scholarship, bias, and exaggeration detract from his work.

In the 12-page introduction Tanner constructs a straw man, outlining critics' three points. First, the Confederacy should have employed guerrilla tactics. Second, the South should have adopted a Fabian strategy. Finally, Southern military leaders should have adopted a strategy of deep retreat, fighting only when necessary. While historians have agreed on each point to greater or lesser extent, Tanner quotes out of context and overstates his case. Three examples should suffice.

To illustrate the guerrilla warfare camp, Tanner quotes Professor Reid Mitchell, "I doubt that the Union could have won the war if the Confederacy had decided to wage it as a guerrilla war." Here is Mitchell in context: "It is idle to speculate, but I doubt that the Union could have won the war if the Confederacy had decided to wage it as a guerrilla war. The Union certainly did not succeed

in putting down what might be called the postwar guerrilla activity that took place during Reconstruction. But in 1861 the Confederacy did not choose to fight a guerrilla war—because, in large part, it did not seem possible to fight a guerrilla war and keep slavery intact." Mitchell was not advocating guerrilla war but explaining why the South could not adopt guerrilla warfare.

On defensive war, Tanner quotes Alan T. Nolan, "[T]he South's true grand strategy of the defensive could have kept its armies in the field long enough to wear down the North's willingness to carry on the war." Tanner ignores Nolan's concession that limited offensives for political or morale purposes were necessary.

Tanner asserts that revisionist British general and historian J.F.C. Fuller argued for a Fabian strategy. Fuller actually argued that the South should have located the capital in Atlanta, fallen back to its natural frontiers, and conducted an offensive-defensive war.⁶

All the aforementioned are unfortunate because Tanner makes some salient points. Specifically, by 1863, the Confederates had retreated as far as they could. Behind them lay the heartland, agriculture, industry, and slaves. Tanner argues that the Confederacy had to hold Richmond-its industrial and symbolic heart. Further, the Confederacy had to defend the remaining agricultural lands so it could feed itself. And finally, Federal advances accelerated slave desertions. The South simply could not afford to lose both its industrial and its human property.

Tanner uses Carl von Clausewitz's *On War* as a yardstick with which to measure Confederate strategic effectiveness.⁷ The South fought to achieve independence and to protect slavery. All moral considerations aside, Clausewitz would have approved. Measured against this standard, Tanner argues, the South em-

ployed the correct strategy. Few, if any, Civil War-era leaders had heard of Clausewitz, let alone read *On War*. Instead, nearly all West Point graduates were well versed in Antoine Jomini's *The Art of War*.⁸ Perhaps this would have been a better yardstick against which to measure effectiveness

Ironically, one could argue that Clausewitz proves the opposite of Tanner's thesis; that is, adopting a defensive-Fabian-guerrilla strategy was not in the South's interest. Tanner quotes Clausewitz: "The level of violence required to satisfy disparate political objectives differs with the objectives, something the commander must keep in mind as he expends force in furtherance of government policy."9 Since the South sought to preserve slavery and achieve independence, were Lee's invasions and the associated 41,787 casualties consistent with the "level of violence required to satisfy disparate political objectives?"10

Seagrave and Bonekemper's *How* Robert E. Lee Lost the Civil War takes the opposite view.11 They believe the South would have won the war had it not been for Lee. Although many of their arguments parrot Nolan's Lee Considered: General Robert E. Lee and Civil War History, they go into greater detail by arguing that the South would have won the war if it had husbanded its manpower, but Lee wasted his men in needless offensives.¹² The most important theater of the war was not Virginia or even in the South. Indeed, the most important theater was the morale of the loyal states. Seagrave and Bonekemper's indictment is that the South's best hope to win was to defeat Abraham Lincoln at the ballot box. Lee's aggressive tactics slowly destroyed that hope.13

Interestingly, Lee understood this, but being aggressive by nature, he fought a war of annihilation. To win

militarily, he needed victories that would result in casualty ratios of at least three to one or victories that would completely destroy the Army of the Potomac. Only his victory at Cold Harbor approached this ratio. Fredericksburg was Lee's one and only chance to crush a Union army, but he hesitated, allowing it to escape. During his first 14 months in command of the Army of Northern Virginia, Lee lost 80,000 men while inflicting only 73,000 casualties on the Federals—hardly a ratio designed for victory.14 To put it in different terms, before August 1863, when Lee was predominately on the offensive, he lost approximately 5,700 men per month. After Gettysburg, when he was usually on the defensive, he lost only 2,000 men per month. Later, in 1864, he was able to inflict horrendous casualties on Union General Ulysses S. Grant's army only because Lee had bled his army white and had to fight from entrenchments. One can only speculate on the outcome of the 1864 election had the Army of Northern Virginia totaled 110,000 men instead of the 64,000 who faced Grant and General George Meade's 125,000 men.

Sandwiched between these two view lies Michael A. Palmer's *Lee Moves North: Robert E. Lee on the Offensive*. ¹⁵ Palmer, the only professionally trained historian among the trio, is a professor at East Carolina University and takes a more evenhanded approach, admitting that Lee was a brilliant soldier, but only when on the defensive. When Lee went over to the strategic offensive, his faults surfaced.

After a brilliant, costly campaign against Union Generals George McClellan and John Pope, the Confederates in August 1862 stood just a few miles from Washington. In a matter of weeks, Lee had reversed the Confederate fortunes of war. Then, Lee embarked on what Palmer terms "probably the worst decision he ever made as a general"—invading Maryland. Holding his enemy in contempt, Lee divided his army; against a competent opponent, he would have been destroyed. Besides

risking his army, he destroyed any chance of European aid. In a cogently argued essay, Palmer outlines Lee's mistakes, from his assumption that the people of Maryland would welcome his troops as liberators to the assumption that McClellan would fight on ground favorable to Lee.

When Lee returned to Virginia, he again became a brilliant tactician in the defense of Virginia. After his triumphs at Fredericksburg and Chancellorsville, though, he launched an ill-conceived and risky raid into Pennsylvania looking for that elusive battle of annihilation. Once again the Federals surprised him. Against a more capable foe Lee might have found his battle of annihilation . . . in reverse.

Palmer's conclusion discusses an old topic: could the South have won, and if so, what was the best strategy to win? As many historians have noted previously, the Confederacy did not have to defeat the North to obtain its aims; it simply had to survive. Palmer believes that if the South had been truly waging a war of liberation, it should have adopted a defensive strategy. This was Confederate President Jefferson Davis' policy. Unfortunately for the South, Lee pursued a strategy inconsistent with that policy.

Lee wanted to "strike a blow" at the enemy, and repeatedly, the Federals frustrated him by escaping destruction. Palmer says, "Lee's twin penchants for the offensive and for secrecy contorted the outlines of the Confederate national strategy between 1862 and 1863 and led to his own failures as a commander."¹⁷

Lee understood Davis' penchant for a defensive war, but he also understood the Union's strength. To achieve independence, Lee opted for a strategy of annihilation but had to keep this hidden from his superiors. This meant keeping his plans hidden from his lieutenants lest Richmond discover his plans and rein in his efforts. Such secrecy prevented proper staffing and planning and often confused his lieutenants. One need only look at Lee's orders to Confederate General J.E.B. Stuart be-

fore Gettysburg to understand this. Lee expected Stuart to screen the Army's movements, to forage, and to scout. The first mission placed Stuart in Lee's rear while the second required him to be in the van. Stuart, after screening the Army of Northern Virginia, could not ride down the Shanandoah Valley on roads clogged with infantry, artillery, and supply trains. Thus, he detached his command and rode around Meade. Proper staffing might have prevented this confusion and led to a better distribution of the cavalry. Conversely, when on the defensive, Lee did not have to worry about logistics, and his objectives were always clear: march here, find the enemy's flank, attack, drive them back.

Palmer contends that Lee, rather than being Davis' top military adviser and executor of policy, actually usurped Davis' authority as commander in chief when he launched his offensives without conducting the proper staff work and the proper communication with his superiors. This is a radical view indeed and needs more study.

The reader is left with the pleasant problem of deciding who is right concerning Lee and Confederate strategy. Those convinced of Lee's genius will follow Tanner, convinced that the Confederacy only succumbed to overwhelming numbers and that in a "fair" fight a Lee victory would have permitted men to own men. Those convinced that Lee was a liability will agree with Seagrave and Bonekemper that political but not military victory was possible. Those who struggle with Lee's brilliance while in Virginia but his blunders north of the Potomac will likely agree with Palmer.

Ultimately, Tanner's work is less convincing because it misrepresents sources and fails to address why the South adopted an aggressive strategy. However, Tanner does provide a cogent argument for why the South had to adopt a forward defense after 1862. Did Lee adopt excessively aggressive tactics? Probably, because Civil War weapons generally precluded battles of annihilation. Yet,

Lee came close to achieving a political victory by outlasting the North's will to win. Military professionals should read all three books because all provide interesting insight into the problems of Civil War history. MR

NOTES

1. Confederates E. Porter Alexander and James Longstreet 1. Confederates E. Potter Alexander and James Longstreet criticized the aggressive Southern strategy, particularly Robert E. Lee's. In fact, it is almost impossible to segregate Lee from Southern strategy. Historian Thomas Connelly, who examines Lee's strategy in The Marble Man: Robert E. Lee and His Image in American Society (Batton Rouge: Louisiana State University Press, 1979), concludes that Lee was a localist at heart and concentrated on Virginia to the detriment of the other theaters of war. Altomey Allan T. Nolan in Lee Considered: General Robert E. Lee and Civil War History (Chapel Hill: University of North Carolina Press, 1991) challenges all the standard perceptions of Lee. from his position on shavery to of investing of noutrice and in a reseas, 1897 for a claiming sea and in standard perceptions of Lee, from his position on slavery to his resignation from the Army to his generalship.

2. Robert G. Tanner, *Retreat to Victory. Confederate strategy Reconsidered* (Wilmington, DE: Scholarly Resources,

Inc., 2001).

3. Reid Mitchell, quoted in Tanner, xii.

4. Mitchell, "The Perseverance of the Soldiers," in Gabor S. Boritt and James M. McPherson, eds., Why the Confederacy Lost (New York: Oxford University Press, 1992),

124-25.

5. Nolan, quoted in Tanner, xvi.

6. J.F.C. Fuller, *Grant and Lee: A Study in Personality and Generalship* (Bloomington: Indiana University Press, 1982), 32, 40. Tanner's view that anyone who criticizes Southern strategy is a revisionist is curious, especially when applied to Fuller. First, revisionism is not necessarily bad. Without revisionism, African-American contributions to the Nation would have been largely unknown. Second, the reader must ask what Fuller was revising. Writing in the early 1930s, Fuller was perhaps the first to challenge the mythic Lee created by the decidedly medicore Confederate General Jubal Early. That Early and his compatriots deliberately twisted the historical record to place Lee in the best light is now widely known.

7. Carl von Clausewitz, On War (New York: Knopf, 1993).

8. Antoine Jomini, The Art of War (Novato, CA: Presidio

9. Clausewitz, quoted in Tanner, 80

9. Clausewill, quided in Tainlet, ou.

10. Casualties vary depending on the source. This total comes from Herman Hattaway and Archer Jones, How the North Won: A Military History of the Civil War (Bloomington: University of Illinois Press, 1991), as quoted in Pia S. Seagrave and Edward H. Bonekemper III, How Robert E. Lee Lost the Civil War (Spotsylvania, PA: Sergeant Kirkland's

- Press, 1999), 218-19. 11. Seagrave and Bonekemper. 12. Nolan. 13. Seagrave and Bonekemper, 11-13. 14. Ibid., 134.

Inichael A. Palmer, Lee Moves North: Robert E. Lee on the Offensive, From Antietam to Gettysburg to Bristoe Sta-tion (New York: John Wiley & Sons, Inc., 1998).

Major James Gates, U.S. Army, is Executive Officer, Directorate of Budget Investment, at the Pentagon. He received a B.S. from Kansas State University, an M.A. from Ohio State University, and he is a graduate of the U.S. Air Force Air Command and Staff College. He is a prolific writer whose articles have appeared in the Journal of Military History, Aerospace Chronicler, and Aerospace Power Journal, among others.

U.S. Army War College

Strategic Landpower **Essay Contest 2003**

The United States Army War College and the United States Army War College Foundation are pleased to announce the fifth annual STRATEGIC LANDPOWER Essay Contest.

The topic of the essay must relate to "The advancement of professional knowledge on the strategic role of LANDPOWER in joint and multinational operations."

Anyone is eligible to enter and win, except those involved in the judging. The Army War College Foundation will award a prize of \$1,000 to the author of the best essay and a prize of \$500 to the runner-up.

For more information or for a copy of the essay contest rules, contact Dr. Jerome J. Comello, U.S. Army War College, Department of Military Strategy, Planning and Operations, 122 Forbes Avenue, Carlisle, PA 17013-5242, commercial telephone (717) 245-3498, DSN 242-3498.

- STRATEGIC LANDPOWER Essay Contest Rules:
 1. Essays must be original, not to exceed 5,000 words and must not have been previously published. An exact

- Essays must be original, not to exceed 5,000 words and must not have been previously published. An exact word count must appear on the title page.
 All entries should be directed to Dr. Jerome J. Comello, USAWC Strategic Landpower Essay Contest, U.S. Army War College, Department of Military Strategy, Planning and Operations, 122 Forbes Avenue, Carlisle, PA 17013-5242, commercial telephone (717) 245-3498, DSN 242-39498
 Essays must be postmarked on or before 1 June 2003.
 The name of the author shall not appear on the essay so that the identity of the essayist will not be known by the selection committee. Instead, each author will use a personally selected codename. This codename shall appear (a) on the title page of the essay in lieu of the author's name, and (b) by itself on the outside of an accompanying sealed envelope. This sealed envelope must contain a typed sheet giving the essayist's name, rank/title, branch of service (if applicable), biographical sketch, social security number, address, office and home phone numbers (if available), the essay's title, and the essayist's codename. This envelope will not be opened until after the final selections are made.
 All essays must be typewritten, double-spaced, on paper approximately 8½" by 11". Submit two complete
- 5. All essays must be typewritten, double-spaced, on paper approximately 8½" by 11". Submit two complete copies. If prepared on a computer, please also submit the entry on an IBM-compatible disk, indicating specific word-processing software.

6. The award winners will be notified in early Fall 2003. Letters notifying all other entrants will be mailed by mid-

7. The author of the best essay will receive \$1,000 form the U.S. Army War College Foundation. A separate prize of \$500 will be awarded to the author of the second best essay.

Book Reviews

COMMAND LEGACY: A Tactical Primer for Junior Leaders of Combat Units, Raymond A. Millen, Brassey's, Dulles, VA, 2002, 368 pages, \$24.95.

Lieutenant Colonel Raymond A. Millen has, without a doubt, constructed what many doctrinal writers and commanders in the field have struggled to develop for dozens of years. Command Legacy: A Tactical Primer for Junior Leaders of Combat Units is an epiphany of sorts. Millen, a U.S. Army infantry officer, provides a one-stop shop for smallunit leaders of what the Infantry Officer Basic Course and the Infantry Company Career Course should provide every student. The book illuminates clearly, in a smartly compartmentalized form, all of the facets of small-unit command a leader will use to execute any mission. The book could become the tactical reference for all junior leaders in the Army.

Command Legacy is the synthesis of dozens of doctrinal manuals; accepted standard operating procedures; well-known tactics, techniques, and procedures; and Millen's own talented ability to organize military thought. The book provides small-unit leaders with easy-to-use templates, tables, and steps for conducting everything from assembly area occupation to link-up operations to developing sector sketches to conducting military operations in urban terrain. Not only does this wellwritten book provide an in-depth look at mission sets, it also functionally dissects, in simple terms, salient factors involved in conducting foot marches; planning land navigation; and most notably, controlling the "soldier's load." Millen writes, "[E]veryone talks about the soldier's load but does nothing about it.' Millen provides a solution—plain and simple—a task that would make the World War II historian, S.L.A. Marshall, proud.

As a leader and staff officer in various outfits, including mecha-

nized, airborne, air assault, and Ranger infantry units, I feel confident in saying that Millen's *Command Legacy* is one of the most important soldier's manuals developed in modern Army times. I sincerely hope that its marketing strategy is sound. The Army needs this book, and more important, our soldiers deserve it.

LTC Dominic J. Caraccilo, USA, Vicenza, Italy

THE FIGHTING RABBIS: Jewish Military Chaplains and American History, Albert Isaac Slomovitz, New York University Press, 2001, 171 pages, \$14.95.

The Fighting Rabbis: Jewish Military Chaplains and American History is a groundbreaking history by Albert Isaac Slomovitz, a recently retired U.S. Navy chaplain. The book clearly and economically records the triumphs and travails of Jewish military chaplains throughout U.S. history.

Given the long history of Jewish soldiers in America, beginning with their participation in the Revolutionary Army, it is startling to realize that this study is the first of its kind. Perhaps the topic's neglect can be attributed to stereotypes—enforced by anti-Semites—that Jews lacked the proper "character" to serve as soldiers. Indeed, a 1915 U.S. Army textbook author claims that the Jew did not know what patriotism means and, therefore, the Jew would not have the qualities to be a good soldier.

In righting the historic record about Jews in the U.S. Armed Forces in general and the chaplaincy in particular, Slomovitz underscores the persistent theme of interfaith cooperation. Throughout the 20th century, Christian chaplains, for the most part, empathetically supported the activities of their Jewish counterparts.

In his opening chapter, Slomovitz offers a well-written overview of the

origin of military chaplains in Europe and how that role altered in America, its focus becoming as ecumenical as possible. He also excels in revealing the multidimensionality of the chaplain's role. More than simply spiritual counselors, they are "fighting Rabbis," and like all chaplains, they are medics, therapists, and educators. Their stories make this book compelling reading for anyone interested in military-centered pastoral care.

Norman Weinstein, U.S. Army Research Institute, Boise, Idaho

WARRIOR POLITICS: Why Leadership Demands a Pagan Ethos, Robert D. Kaplan, Random House, NY, 2002, 198 pages, \$22.95.

The insightful observations Robert D. Kaplan reveals in his many books are of benefit to any military officer or political leader with international responsibilities. His journalistic background contributes a style both lively and engaging. His conclusions are a needed caution against the idealism of those who would change the world but who have little understanding of it. There is much wisdom in *Warrior Politics*; nonetheless, I consider Kaplan's realist approach to international relations inadequate.

Kaplan offers a timely warning against easy answers to difficult questions. He reminds us that Utopian visions have too often led to monstrous government. He encourages us to study how previous leaders have confronted problems so we can deal better with our own, but he warns that not every problem has a solution.

Kaplan says his book is about how to think, not what to think. Yet, while I found his critique of idealism convincing, I did not find his argument for realism equally so. The contemporary challenges he examines are more amenable to application of the Just War tradition he considers irrelevant than they are to his realism.

Naïve or pessimistic realism is not our only option.

Kaplan's argument is convincing only if we accept his pessimistic premises. However, many of these are historically, philosophically, or theologically flawed. Kaplan's reading list ignores such influential philosophers as St. Augustine, Thomas Aquinas, and John Locke.

One of Kaplan's key premises is that morality is a human construct. From that notion, Kaplan develops a consequentialist ethic. Kaplan and I disagree completely; it is far from universally agreed that morality is a human product. If morality is merely a human construct, then the moral becomes what is most convenient to us. Kaplan's morality reduces to self-interest, but self-interest is too flimsy a foundation on which to construct an ethic.

The important thing in consequentialism is achieving the proper outcome. Kaplan is too sophisticated to propose that the end justifies the means. He says, "Statesmanship demands a morality of consequence." Consider the morality of your actions, but the bottom line is the outcome. The weaknesses of this construct are that we cannot know all the consequences of our actions, and consequences can justify what most would call intrinsically wrongful acts.

Kaplan commends President Franklin D. Roosevelt for "steadily and stealthily" moving the United States closer to war with Adolf Hitler while denying he was doing so because of congressional opposition. I doubt Kaplan would applaud Roosevelt's suppression of intelligence about a Japanese attack on Pearl Harbor because of his belief that an attack would unite the nation against the Axis powers. Consequentialism would allow both because of the greater good of defeating the Nazis.

In recommending pagan over Christian virtues, Kaplan misunderstands Christian ethical thinking. He writes as if pagan and Judeo-Christian virtues were mutually exclusive. He also ignores the ethical distinction between how an individual Christian should behave in personal matters and how the same person should behave as a government official. Kaplan rightly says deception is commendable in war but not in civil government. He wrongly thinks Christian ethics condemns all deception. Yet the Bible contains accounts of spy missions and the use of ruses to defeat Israel's enemies. Not all is fair in war, but spying and deception are.

Kaplan believes asymmetrical conflict is America's future. I agree. In such an environment, Kaplan claims the Just War tradition is irrelevant. I think he is wrong. The stress and frustration that asymmetrical conflicts place on soldiers and their leaders make the Just War tradition more important than ever. The new threats created by asymmetrical conflict call for new strategy and new tactics, but they do not require a new morality or the return to an ancient pagan one.

Warrior Politics is a must for anyone concerned about morality and international conflict, but read it cautiously. Do not let it be the only book you read on the subject.

CH (COL) Doug McCready, USAR, Roslyn, Pennsylvania

FIRES OF HATRED: Ethnic Cleansing in Twentieth Century Europe, Norman M. Naimark, Harvard University Press, Cambridge, MA, 2001, 248 pages, \$24.95

Since its entry into the vocabulary in 1992, the term "ethnic cleansing" has dominated the collective conscience. In *Fires of Hatred*, distinguished historian Norman M. Naimark takes a journey into the darker side of humanity—into the depths of the primordial hatred and enmity that characterize conflict in 20th-century Europe.

Naimark's analysis begins and ends with a clear delineation between ethnic cleansing and genocide, two often-misunderstood terms that frequent contemporary debate. The difference, argues Naimark, is in intent: "Genocide is the intentional killing off of part or all of an ethnic, religious, or national group." With ethnic cleansing, however, the intent is to remove a particular group, often any trace of them, from a "concrete territory." With Naimark's analytical framework, the intent of genocide is

clearly murderous, while ethnic cleansing does not necessarily share the same horrific purpose.

In reality, ethnic cleansing inevitably evolves into a form of genocide. As Naimark notes, a people will not often willingly abandon a territory to which it shares ties. Violence, often perpetrated against women, children, and the infirm, remains the proven method. The resulting flood of refugees has become characteristic of the international crises of the past decade.

Fires of Hatred is an exceptional primer for those seeking a broader, conceptual approach to the horror that plagues much of our modern existence. Focusing on 20th-century development in Europe, Naimark offers an exhaustive historical analysis of ethnic cleansing that is remarkably compelling. This book should be a welcome addition to any professional reading list; no other writer treats the subject with quite the same level of depth and understanding.

MAJ Steven Leonard, USA, Fort Leavenworth, Kansas

AT WAR AT SEA, Ronald H. Spector, Penguin Books, NY, 2001, 463 pages, \$29.95.

Ronald H. Spector's *At War at Sea* tackles the broad topic of naval warfare in the 20th century. Such a venture runs the risk of being too general, too redundant, or both. Happily, Spector's work suffers no such misfortune.

At War at Sea covers naval warfare chronologically from the critical Battle of Tsushima in 1905 to the actions in the Falklands in 1982 and the Airbus shoot down by the U.S.S. Vincennes in the Arabian Gulf in 1988. Spector's major theme is the interaction of humans with the advanced technology inherent in 20th-century naval warfare.

The battles Spector describe include most of those in the must category—Tsushima, Jutland, and the submarine and carrier battles of World War II. He also includes several eclectic choices that demonstrate the increasing complexity and sophistication of war at sea. These include the World War I destruction of a British torpedo boat squadron by German aircraft, the fierce naval

versus air battles around Crete, and the naval versus air combat in the seas around the Falklands.

The ongoing battle between ships and aircraft for command of the sea is a major theme of the book. Where Spector really scores, though, is in the realm of his treatment of naval cultures. He captures the essential cultural context to set the stage for his choice of battles. Indeed, after reading Spector's cultural descriptions of the Royal Navy, that institution's decline as the dominant sea power becomes more comprehensible.

Spector pleases scholars and general readers alike with his clear prose and meticulous research. I highly recommend this book.

CDR John T. Kuehn, USN, Fort Leavenworth, Kansas

THE CAT FROM HUE: A Vietnam War Story, John Laurence, Public Affairs, NY, 2002, 864 pages, \$30.00.

The cat from Hue was a filthy, forlorn, shell-shocked kitten that TV war correspondent John Laurence rescued during the savage battle for Hue in February 1968 and shipped home to the United States. In a sense, Laurence sees the cat as a metaphor for himself—a survivor despite the chaos of war.

The cat story is a major part of *The Cat from Hue*, but Laurence's main objective is to relate his experiences during three tours covering the war for CBS. Laurence evolves from being an idealistic, naïve reporter when he first went to Southeast Asia into a hardened journalist determined to reveal what he saw as the real face of war. Little by little, he begins to question the methods and objectives of those in command. In the process, he becomes a thorn in the government's side.

Laurence was present at such pivotal events as the early battles with the People's Army of Vietnam in the Ia Drang Valley in 1965, the siege of Khe Sanh, the fight for Hue in 1968, and the U.S. incursion into Cambodia in 1970. His descriptions of battle are vivid and filled with detail. For example, he describes the action at Hue as an "urban brawl between two armed and largely adolescent tribes, a street fight of fast

action and merciless bloodletting."

Spicing his account with direct quotes gleaned from the audio and videotapes Laurence made during the fighting, he shows how the war affected soldiers and what they thought about their place in it. He describes those who fought the war as decent individuals caught up in extraordinary circumstances. Laurence is relatively evenhanded in showing their heroism and their brutality in times of great stress and danger. However, he is less objective in his assessment of those in power. He lays blame on President Lyndon Johnson, Secretary of Defense Robert McNamara, General William Westmoreland, and other U.S. leaders for their "blind plunge into a maelstrom of anguish."

This book's strength lies in Laurence's detailed portrayal of how TV war correspondents covered combat in Vietnam. The reader learns much about how news footage was put together, often during the heat of battle and often at great risk to correspondents and the TV crews. Laurence discusses how he covered the war and provides wartime portraits of many other Vietnam war correspondents and photographers, including Peter Arnett, Morley Safer, Gloria Emerson, and Joe Galloway.

This book took Laurence 20 years to complete, and it appears that he was determined to include virtually everything he had seen and done during his years in Vietnam. Consequently, at 850 pages, the book is almost too detailed; at various points during the narrative, it drags. For example, the story of the cat is interesting, but by the end of the book, it almost seems superfluous to Laurence's main objective for writing the book and does little more than make the book longer. That being said, I recommend the book for two reasons. First, Laurence's portrayal of combat and those who did the fighting is authentic and vivid. Second, the book is a must for those interested in how the war was covered and how an extremely contentious relationship developed between the military and the media during the Vietnam war.

LTC James H. Willbanks, USA, Retired, Ph.D., Leavenworth, Kansas

WAR AND REVOLUTION: The United States & Russia, 1914-1921, Norman E. Saul, University Press of Kansas, Lawrence, 2001, 483 pages, \$45.00.

Norman E. Saul's War and Revolution contains extensive, useful details on relations between the United States and Russia from 1914 to 1921 and is definitely a book most appropriate for specialists of this topic. The greatest strength of Saul's work is to show the nongovernmental connections between Russia and the United States.

The book is more narrative than argument, and there is limited material that would interest soldiers and military historians. But, Saul contributes solid research to a field that has too often focused on official governmental actions.

MAJ Curtis S. King, USA, Retired, Ph.D., Leavenworth, Kansas

JEFFERSON DAVIS IN BLUE: The Life Of Sherman's Relentless Warrior, Nathaniel Cheairs Hughes, Jr., and Gordon D. Whitney, Louisiana State University Press, Baton Rouge, 2002, 475 pages, \$49.95.

In Jefferson Davis in Blue, Nathaniel Cheairs Hughes and Gordon D. Whitney provide the first biography of Union General Jefferson Davis, best known for sharing the same name as the more famous president of the Confederate States. Other than that, history remembers Davis as being a hothead who murdered his former commanding officer and who was allegedly a racist accused of abandoning hundreds of black refugees to the mercies of the Confederate cavalry during Sherman's March to the Sea. Hughes and Whitney reappraise Davis, not from a revisionist or apologist viewpoint, but from a complete and analytical perspective. Their findings are enlightening, well written, and thorough.

Davis lived a full military career, serving as an enlisted man during the Mexican War, as a lieutenant at Fort Sumter at the start of the Civil War, and as a commander playing important roles at Pea Ridge, Rome, Bentonville, and elsewhere. After the Civil War, Davis commanded the Military District of Alaska, dealt with myriad problems associated with transitioning the new land from Russian control, and became an accom-

plished Indian fighter. Hughes and Whitney chronicle Davis's adventures and provide thoughtful, objective analyses of Davis's conduct after each important event in his career.

Davis was an excellent battlefield commander. He was aggressive, hard charging, and offensive-minded. He was the kind of subordinate a commander loves to turn to to get a tough combat job done. But, Davis was certainly rough around the edges, which limited his advancement. Nonetheless, he is an extremely interesting personality, and *Jefferson Davis in Blue* is definitely worth reading.

LTC Kevin Dougherty, USA, Hattiesburg, Mississippi

MAJOR MCKINLEY: William McKinley & the Civil War, William H. Armstrong, Kent State University Press, Ohio, 2000, 191 pages, \$18.00.

Iron Majors rejoice! There is hope for all. William H. Armstrong's Civil War biography, *Major McKinley*, about President William McKinley's military career during the Civil War, is easy and interesting to read. McKinley, unlike other presidential veterans, came from the ranks and served in unheralded staff positions. Despite this, he served well and used the experience he gained in his Presidency.

McKinley enlisted as a private in the 23d Ohio Volunteer Infantry under future Major (later Major General and President) Rutherford B. Hayes. McKinley's relationship with Hayes is a well-known aspect of his own subsequent rise to the presidency.

Hayes noted McKinley's sharp appearance and attention to detail and assigned him as a clerk in the brigade quartermaster's office. McKinley's skills as a clerk earned him the respect of his superiors, and he was soon appointed regimental commissary sergeant. As a brigade quartermaster he understood logistic requirements and support. As an adjutant, he assisted his generals with moving and directing formations. Hayes said McKinley "had unusual character for the mere business of war . . . unsurpassed capacity, especially for a boy of his age.'

McKinley was not a famous commander and never held a leadership position. He served as a staff officer for most of the war, and his performance was exemplary. Armstrong uses McKinley's wartime diary and other primary and secondary sources to show this was the formative period of McKinley's life. McKinley's experiences working in key positions for various generals prepared him for his later success as a statesman, becoming a "hands-on" commander-inchief during the Spanish-American War.

In his climb to the presidency, McKinley unashamedly used his connection to the soldiers with whom he had served. This solid book gives hope to generations of staff officers toiling away in undistinguished positions while hoping for their opportunity to contribute.

MAJ Michael E. Lynch, USA, HQ, USAREUR, Germany

AIR POWER: Promise and Reality, ed., Mark K. Wells, Imprint Publications, Inc., Chicago, IL, 2000, 339 pages,

In Air Power: Promise and Reality, Colonel Mark K. Wells builds on previously published from 1978 symposium proceedings from the U.S. Air Force Academy, Colorado. Wells drops some background from that publication, adds five new essays, and presents an up-to-date historical overview of the development of military air power in its technical and theoretical aspects.

The essays skillfully trace the development of the machines, organizations, and theoretical underpinnings of the world's great air forces. Each essay is sufficiently focused, dealing in topics such as "French Military Aeronautics before and during the Great War," "Soviet Air Power in World War II," and "Air Power in the Gulf War: Plans, Execution, and Results." Each essay is also well researched and documented. While the source material might not be the most modern, it has stood the test of time, and no factual errors are noticeable; the presentations are informative and pertinent. The discussion of the Luftwaffe's shortcomings during World War II acts as a cautionary tale for modern air forces.

The most pleasing aspect of this edition is the balance of views pre-

sented. I expected the book to be a steady drumbeat that air power can win any war. This view does appear, but only in one article, and other essays balance it. For example, Thomas Kearny and Max Clodfelter provide honest assessments of the promise and reality of the air war in the Persian Gulf, acknowledging the critical role the Air Force played, while noting that the Gulf was an almost ideal setting for air war victory.

Wells notes that the majority of essays in this edition are drawn from *Air Power and Warfare*. I found that the most interesting essays were from that previous volume, so I recommend those owners reread that book rather than spend money on the new one. For the rest of us, I recommend having this book on our bookshelves.

MAJ Richard K. Guffey, USA, Fort Leavenworth, Kansas

A HISTORY OF TERRORISM,

Walter Laqueur, Transaction Publishers, New Brunswick, NJ, 2001, 277 pages, \$24.95.

Walter Laqueur, professor emeritus of Georgetown University, is chairman of the International Research Council of the Center for Strategic and International Studies. He is a leading academic expert on terrorism, guerrilla warfare, and political violence. A History of Terrorism was originally published in 1977 and, with the exception of a new introduction, the text remains the same. Paradoxically, this is the book's strength and weakness; it is a strength because Laqueur's purpose in writing the work was not to rush out a book to capitalize on the events of 11 September 2001. His survey of the history of terrorism as a strategy of political violence provides a much-needed historical context to ongoing events.

Much of what Laqueur writes seems eerily prescient, considering the book is over two decades old. On the other hand, most readers will be lost as Laqueur fights 25-year-old academic battles, and they will be frustrated when the history ends abruptly in the 1970s. In the end, most readers will be better served by Laqueur's *The New Terrorism: Fanaticism and the Arms of Mass Destruction* (Oxford University Press,

New York, 2000).

Yet, this is an excellent work, and Laqueur is an engaging writer who guides the reader expertly from the days of 11th-century assassins to the actions of the Red Army faction of the 1970s. The book provides a welcome historical perspective, arming the reader with the ability to discern patterns of continuity and change in terrorist organizations, their ideologies, and their methodologies.

A History of Terrorism is ideal for readers who want to thoroughly explore the subject; however, it will probably frustrate readers who simply want to better understand terrorism as it exists today. For these readers, Laqueur's more recent works will be of more value.

MAJ Anthony W. Vassalo, USA, Fort Leavenworth, Kansas

STRATEGIC ASIA: Power and Purpose, 2001-02, eds., Richard J. Ellings and Aaron L. Friedberg, The National Bureau of Asian Research, Seattle, WA, 2001, 378 pages, \$19.95.

Strategic Asia 2001-02: Power and Purpose, consists of an annually published report and a "Strategic Asia" database. Both contain current economic, military, and political data for all countries in what has been labeled by the project as Strategic Asia which encompasses countries located within the Asia-Pacific regions plus Canada and the United States.

The 2001-02 report, the first of the program series, focuses on framing issues for the project. The report also provides definitions and contextual framing of the Strategic Asia categorization. The report presents the stage setting of each of the countries included in the Strategic Asia realm, including their placement, power, and purpose within the region and the interrelationships with other states within the region. The report also assesses significant trends across the region and provides current expert analyses of the critical subregions of strategic Asia—China, Japan, Korea, Russia, South Asia, and Southwest Asia. The country study chapters, collectively, provide a detailed outline of the current strategic environment in the Asia-Pacific. Each chapter analyzes that strategic environment from a particular country perspective, providing a valuable assessment and prediction for what Strategic Asia might look like in the next five years.

The most prominent Asian scholars and practitioners have contributed to this first report, presenting fresh, firsthand empirical data gained from interviews with key actors of subject countries. The regional analysis is conducted in light of current threats to peace and stability, including new asymmetries in threat assessment posed by weapons of mass destruction and ballistic missiles.

Innovative forecasting approaches underpin the report. The strategic estimates transcend more traditional forecasting methodologies that tend to focus only on military balances by incorporating economic, political, and demographic data. With this innovative approach, Strategic Asia provides civilian decisionmakers, scholars, and military practitioners with an up-to-date, comprehensive review and assessment of the strategic perceptions and realities facing the United States in Strategic Asia during the first decade of the 21st century.

MAJ I. Wilson, USA, Fort Leavenworth, Kansas

MAN, THE STATE AND WAR: A Theoretical Analysis, Kenneth N. Waltz, Columbia University Press, New York, 2001, 263 pages, \$19.50.

As military professionals, we might frequently investigate the causes of any particular conflict, but rarely do we delve into the overall reasons for the occurrence of war in general. That is precisely what Kenneth N. Waltz attempts to do in his international-relations classic *Man*, the State and War. The question "What causes war?" is paramount in the study of world politics because if we can determine the causes of war, then by mitigating those causes can increase the possibility of a world environment dominated by peace rather than conflict.

Because the study of conflict is too complicated to allow focus on only one dimension of politics, Waltz divides his investigation into three levels of analysis: the nature of man, the nature of the state, and the nature of the international political structure. A correct understanding of the causes of conflict requires study of all three levels of analysis in concert. To ignore any level will result in a distorted view of the causes (and prevention) of war. While the natures of man and the state are important, their relevance is trumped by the nature of the international political system. Since man and his creations (the state) are imperfect, corrections to them will not be sufficient to prevent the outbreak of war in an anarchical system of international relations in which states are left to fend for themselves against aggressive

Waltz supports this thesis by examining each of the levels of analysis, supporting each main point by presenting arguments from classical and modern theoreticians. He cites the philosophers St. Augustine, Reinhold Niebuhr, and Baruch Spinoza in his analysis of the nature of man. In discussions of the nature of the state, he relies on more familiar philosophers—Thomas Hobbs, Immanuel Kant, and Thomas Paine. Jean Jacques Rousseau and Thucydides share space with Alexander Hamilton when Waltz addresses the effects of the international system on war and peace.

Waltz admirably breaks down the colossal investigation of what makes men and states take up arms. He uses historical examples of attempts to produce peace through the correction of faults in the represented systems and proves that the psychological and behavioral approach to war has little effect because of man's inherent faults. At the state level, Waltz demonstrates that attempts to create peaceful states within a dangerous framework of international politics will just as assuredly fail. When considering the international system, he concedes that there is a solution, but that the cure of war (world government) might be just as deadly as the disease.

Waltz originally wrote *Man, the State and War* in 1954. Since then, many developments in the world political environment have occurred that challenge his premises. For example, the European Union has recently

countered his warning that no number of states could ever agree to join their interests permanently.

Despite the changes in the world, the text stands as a classic effort to explain why men and nations fight. The book's timelessness recommends it to military professionals who desire to understand more about international politics.

MAJ Gregory R. Ebner, USA, Fort Leavenworth, Kansas

PHANTOM SOLDIER: The Enemy's Answer to U.S. Firepower, H. John Poole, Posterity Press, Emerald Isle, NC, 2001, 338 pages, \$14.95.

H. John Poole's book, *Phantom Soldier: The Enemy's Answer to U.S. Firepower*, is an interesting summary of how Asian forces, particularly Chinese forces, are organized and how they fight battles. Poole's thesis is that Asians' radically different form of warfare would defeat clumsy, slow-moving, firepower-heavy U.S. forces. Although he places great emphasis on Asian successes, particularly in Vietnam, he does not argue away U.S. successes, such as General Matthew Ridgway's initiatives in early 1951.

While it is always important to understand potential enemies and appreciate their style of making war, to radically change the method of organizing and deploying the U.S. military based on a perceived threat in the Far East is foolhardy. The success of U.S. forces in Afghanistan shows that force capability across the continuum, from massive air power to Special Forces, is and will remain the key to military success.

COL James Dunphy, USAR, Fairfax, Virginia

AN UNSETTLED CONQUEST: The British Campaign Against the Peoples of Arcadia, Geoffrey Plank, University of Pennsylvania Press, Philadelphia, 2001, 239 pages, \$29.95.

A well-researched book is always a pleasure to read. An Unsettled Conquest: The British Campaign Against the People of Arcadia is no exception.

During the years before 1763, the English were trying to define what being a British subject meant. They were also trying to develop policy on

how to treat people who got in the way of their empire-building. Author Geoffrey Plank tells the story of the growth of Halifax; shifting power; aggressive leadership; the deportation of Arcadians to mainland colonies; the buying of men's, women's, and children's scalps; and the problems caused by differing languages and various religions among the French, Arcadians, Mi'kmaq, and Germans. Such a tale is always tragic.

I highly recommend this book for the lessons we can learn about what happens to everyday people caught up in the clash of great powers jousting for domination.

LTC Lynn L. Sims, USAR, Retired, Ph.D., University of Richmond, Virginia

AFTER CLAUSEWITZ: German Military Thinkers Before the Great War, Antulio J. Echevarria II, University Press of Kansas, Lawrence, 2001, 360 pages, \$39.95.

Carl von Clausewitz's magnum opus, *On War* (Knopf, New York, 1993), has long been hailed as the preeminent theoretical treatise on military affairs. In addressing the complexities of warfare in so thoroughly comprehensive a manner, Clausewitz established a standard that dwarfs the writings of any other theorist. However, in *After Clausewitz: German Military Thinkers Before the Great War*, Antulio J. Echevarria II supports the efforts of other, less prominent theorists.

Echevarria, the director of national security studies at the Strategic Studies Institute at the Army War College in Carlisle, Pennsylvania, contends that men such as German Field Marshals Helmuth von Moltke and Alfred von Schlieffen recognized the changing nature of warfare and struggled to find a solution that would restore the offensive to primacy. Their efforts, often obscured by the collapse of Germany during World War I, were significant in the evolution of modern operational art.

Echevarria recounts Moltke's, Schlieffen's, and others' labors to resolve the strategic dilemma that accompanied industrial-age advancements. Modern warfare necessitated a new balance between the classic arms of infantry, artillery, and cavalry.

Echevarria's provocative study on

the role of theory in warfare is as valuable and applicable today as it was when it was written. I recommend it highly.

Major Steven Leonard, Fort Campbell, Kentucky

WAR AND OUR WORLD: The Reith Lectures for the BBC, John Keegan, Vintage Books, New York, 2001, 112 pages, \$10.00.

John Keegan, a respected military historian and author of several books on military history and war, was for many years the senior lecturer in military history at the Royal Military Academy, Sandhurst, England. In *War and Our World*, he explores, in broad overview, the aspects of war and its effect on human society and history. He examines the evolution of war from its most primitive beginnings between nomadic early humans to the complex spectrum of current conflicts.

Keegan reflects on several topics, asking, "Is humankind naturally predisposed to warfare?" "Where did war originate in human history?" "Is there a dependence on war in a modern nation-state?" "Can humankind end war, which, as the single most devastating scourge on earth, is far more destructive than disease and famine?"

I recommend this book to all thinkers interested in the answers or attempts at answering such questions. The book is truly though-provoking.

Richard L. Milligan, Fort Leavenworth, Kansas

SPECIAL FORCES: A Guided Tour of U.S. Army Special Forces, Tom Clancy with John Gresham, Berkley Books, New York, 2001, 366 pages, \$16.00.

In Special Forces: A Guided Tour of U.S. Army Special Forces, Tom Clancy continues his examination of the U.S. military machine, explaining the elements, equipment, and organization of the Special Operations Command. Clancy focuses on U.S. Special Forces (SF), also known as Green Berets, but he explains the differences in Special Forces, Rangers, and other special operations organizations. While he profiles the average SF trooper, his training, and operations, Clancy cannot resist dwelling on high-tech toys. Exotic,

specialized equipment makes today's Special Forces more effective, although admittedly some of it must be left behind when working with less generously supplied organizations.

The book has some defects. For example, Clancy places the early antiterrorist team "Blue Light" in Europe, but most readers will remember this as being a project of the 5th SF Group at Fort Bragg, which was used as a close-quarter combat training center after the antiterrorist mission went to Delta Force. Clancy wastes time by dwelling on a former Special Operations Command commander's conventional experience that was not related to Special Forces. He wastes more time on a mini-novel about a fictional SF operation that fails to illustrate SF operations, principles, issues, capabilities, or to humanize its players. The space and effort would have been better used to create an index or a detailed table of contents.

Despite its faults, the book is of value to writers on special operations. A researcher or reporter will not find in any other source the inclusion of diagrams of the Special Operations Command and SF organization; the purpose of various special operations elements, including Air Force and Navy units; the structure and purpose of SF teams; and details of SF missions. Of considerable value are Clancy's personal observations of SF training exercises and missions with foreign counterparts. The book is heartily endorsed as an explanation of Special Forces by Lieutenant General William P. Yarborough, which should be review enough.

Kevin L. Jamison, Attorney at Law, Gladstone, Missouri

RACE AND REUNION: The Civil War in American Memory, David W. Blight, Harvard University Press, Cambridge, MA, 2001, 512 pages, \$29.95.

In Race and Reunion: The Civil War in American Memory, David W. Blight tells a passionate tale of the battle over the meaning of the Civil War. Blight's thesis is that when white Northerners and white Southerners reconciled, they buried the hatchet in the back of the black man. According to Blight, after the war the meaning of the conflict hung between two mutually exclusive in-

terpretations: the reconciliationist legacy and the emancipationist legacy. During Reconstruction, while Radical Republicans were ascendant and bitter war memories strong, the emancipationist legacy won the day. Starting in 1868, and gathering strength over time, Americans came to emphasize sectional reconciliation and to de-emphasize the rebirth of freedom, especially black freedom, brought about by the war. By 1913, black veterans were invisible during commemorations of the Battle of Gettysburg.

While admitting that his work is anecdotal, Blight documents quite well the evolution of sectional reconciliation and postwar racism. There are, however, some flaws in how he presents his case. First, there is the problem of balance. For example, Blight takes cheap shots at John Singleton Mosby for hanging Union prisoners during the war without explaining that this was a one-time retaliation for Union General Phil Sheridan's hanging of seven of Mosby's men. Blight only tells half the story, which makes the reader wonder what other pertinent facts might have been omitted.

Blight spends considerable en-

ergy on Southern racist policies and treats racism as a uniquely Southern problem. He largely ignores Northern racism, such as the refusal of most Northern states to enfranchise African-Americans until forced to by the 14th Amendment. Thus, the reader does not see the evolution of American racism in its national context. This makes Blight's story half-blind, which leads to the most significant flaw—causation.

While it seems undeniable that sectional reconciliation and racial discrimination grew over the 50 years following the war, Blight does not adequately connect the two. How a defeated South convinced a presumably heretofore nonracist North to embrace racist ideology and policy is unclear. Blight suggests that Northern statesmen adopted racist ideology in their efforts to further economic and political rapprochement with Southerners after the war. I disagree. Sectional reconciliation did not necessarily mean the nationwide adoption of racist ideology and public policy. That such occurred is a tragedy.

The book should be particularly relevant to officers in the fields of information operations and psycho-

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logical operations because it is a great case study of how to influence behavior. To those who design policy for posthostilities operations, the book shows that justice and peace sometimes cannot coexist. Indeed, in some cases they might be mutually exclusive. While there is no doubting Blight's passion for his subject, his passion brings into question his objectivity.

I recommend reading *Race and Reunion* as an eloquent, adept work of advocacy of one side of an emotional but still-relevant issue. Bear in mind, however, that it is only one side of the story.

LTC D. Jon White, USA, Fort Campbell, Kentucky

ALLEGIANCE: Fort Sumter, Charleston, and the Beginning of the Civil War, David Detzer, Harcourt, Inc., New York, 2001, 384 pages, \$27.00.

I highly recommend Allegiance: Fort Sumter, Charleston, and the Beginning of the Civil War, by David Detzer, for its fresh insight into an event that led to the open hostilities that became known as the American Civil War. Not since the publication of First Blood: Story of Fort Sumter, by W.A. Swanberg (Marboro Books, A Division of Barnes & Noble, New York, 1990), has there been such a scholarly examination of the events surrounding the struggle at Fort Sumter, South Carolina, in 1861.

Unlike Swanberg's account, Detzer's focus is on the fort's commander, Major Robert Anderson; the indecision in Washington, which only increased Anderson's anxiety; and the significance of the actions at Fort Sumter on the people of Charleston. Anderson, the tragic figure as well as the hero of the story, was a West Point graduate, a professional soldier, and a participant in three wars, which had instilled in him a deep dislike for war and a hatred for politicians. Despite that hatred, he had an intense sense of duty to represent the U.S. Government in the impending crisis. As Detzer points out, for Anderson to perform that duty, he needed specific guidance from his superiors in Washington. His greatest fear was that his actions would precipitate a war that could have been avoided.

Unfortunately for Anderson, neither Presidents James Buchanan nor Abraham Lincoln would provide the directives he so desperately desired. Much of the indecision was caused by both presidents having cabinet members from the South, plus the realization that the United States was too weak militarily to do much about the situation anyway. An example of the absurdity of the irresolution in Washington is the order to Anderson to return to the Charleston arsenal the muskets he had taken to help in the defense of U.S. property.

Particularly intriguing is Detzer's analysis of events leading to Anderson's move from Fort Moultrie to Fort Sumter. While militarily reasonable, politically the move created a diplomatic furor. Although South Carolina Governor Francis Pickens demanded that Anderson evacuate the fort, Buchanan finally stiffened his spine and directed Anderson to remain.

Military and diplomatic maneuverings were at the heart of the crisis over Fort Sumter, but Detzer does not ignore the effects of events on the citizens of Charleston and the occupants of Fort Sumter. He uses narratives of Civil War Charleston found in Mary Chestnut's diary that give remarkable accounts of the mood and actions of city inhabitants. Reminiscences by Captain Abner Doubleday and Assistant Surgeon Samuel Crawford provide details of the uncertainties, the danger, and the frustrations of a garrison essentially held hostage by a foreign power. Also given their due are the slaves who worked on the fortifications, and he particularly mentions the three slaves who rowed Confederate politician Louis Wigfall across to the fort during the actual

I highly recommend this book for its fresh insight into the event that precipitated the Civil War.

LTC Richard L. Kiper, USA, Retired, Ph.D., Leavenworth, Kansas

THE MYTH OF THE GREAT WAR: A New Military History of World War I, John Mosier, HarperCollins, New York, 2001, 381 pages, \$30.00.

In both title and introduction, John Mosier's *The Myth of the Great War:* A New Military History of World War

I promises a significant revision to the accepted view of World War I. In making such a promise, Mosier exhibits considerable temerity; he is a literary historian and film critic, not a school-trained military historian. Giving him the benefit of the doubt, one concedes that there are no historical issues that would not benefit from a fresh approach. Perhaps Mosier's background will lead him toward an important new interpretation of the events of 1914-1918. Alternatively, one fears such a book will end up as an amateur's unhappy exercise in hubris, which is my conclusion.

The myth the title alludes to is actually two myths: that France and Great Britain "won" the war and that the United States had a secondary role in achieving the Allied victory. Mosier believes contemporary and postwar British accounts have deceived students of World War I and that French accounts have intentionally obscured the fact that the Germans consistently outperformed the Allied armies on the battlefield. Only the intervention of the Americans saved the Allied armies, which were spent by mid-1918.

Mosier offers these points as a new revelation but, in fact, he is one or two revisions behind the current historiography. The "butchers and bunglers" school of World War I research has pilloried Allied ineptness since the 1960s. See, for example, The Donkeys by Alan Clark (Award Books, New York, 1965) or Leon Wolff's In Flanders Fields: Passchendaele, 1917, Penguin, New York, 2001). More recently, Bruce Gudmundsson, Timothy Lupfer, Martin Samuels, and David Zabecki have explored German tactical expertise during World War I and shown that the Kaiser's army held the clear edge through most of the war.

The latest trend has been to rehabilitate the Allied armies, as in, for example, Amiens to Armistice: The BEF in the Hundred Days' Campaign, 8 August-11 November 1918, by J.P. Harris and Niall Barr (Brassey's, Inc., Dulles, Virginia, 1999), and How the War Was Won: Command and Technology in the British Army on the Western Front, 1917-1918, by Tim Travers (Routledge, New York, 1992), by emphasizing the

technical and tactical innovations made late in the war.

Mosier dismisses this recent scholarship as "enormous, repetitive, and largely without merit." In this instance and others, his use of sources is sometimes curious and often irritating. He suggests, for example, that the relatively low casualties incurred by the American Expeditionary Force were the result of the enlightened training the doughboys received from the chasseurs alpins, a conclusion unsupported by any U.S. accounts of the war. In another example, Mosier asserts that the British Expeditionary Force was finished as an offensive force after Passchendaele. His claim overlooks the key victories won by British General Douglas Haig's army between August and November of 1918. Mosier also argues that the German army was not beaten at the end of the war, ignoring the disastrous decline in German morale and front-line fighting strength during the last 3 months of the war.

What can be said in defense of the book? Mosier's book makes greater use of French sources than virtually any other recent general history of the Western Front. In doing so, he highlights the major French offensives of 1914 and 1915, which are almost ignored by Anglo-American authors. Mosier also possesses a lively writing style, which is entertaining even when his substance is annoying. Despite these things, the book is a disappointment.

Along with intemperate and unbalanced interpretations, *The Myth of the Great War* features editing that would embarrass a minor publishing house and is inexcusable for a major firm like HarperCollins. The book can only be recommended to those who have read widely on World War I and who enjoy dissecting a poorly conceived argument.

LTC Scott Stephenson, USA, Retired, Ph.D., Leavenworth, Kansas

PEARL HARBOR BETRAYED: The True Story of a Man and a Nation under Attack, Michael Gannon, Henry Holt and Company, New York, 2001, 282 pages, \$27.50.

For 60 years, the Japanese attack on Pearl Harbor has been an endless source of debate, and the questions

the attack raises are compelling. How could it have happened? What more could have been done to prevent it? Who was principally to blame? How much did the U.S. Government know? Was there a conspiracy to bring the country into World War II? These questions have of course been addressed considerably in the past 6 decades, and one might ask what more needs to be said? In Pearl Harbor Betrayed: The True Story of a Man and a Nation under Attack. Michael Gannon once more explores, dissects, and effectively answers these questions.

Gannon, the author of several other books on military and history topics, has raised the bar with this book. During his extensive research, which took over 6 years, he delved into the National Archives for written military orders. The result is a comprehensive account of what is known about Pearl Harbor and differentiates it from the hearsay and myths that have appeared since 1941.

Gannon devotes much of his attention to two senior commanders-Admiral Husband Kimmel and Lieutenant General Walter Short-who commanded U.S. Navy and U.S. Army forces, respectively, in Hawaii before the attack. They have historically carried the blame for unpreparedness. While not acquitting the commanders of responsibility, Gannon adroitly identifies and supports the idea that the blame should be rightly shared all the way up the chain of command. He stops short of including President Franklin D. Roosevelt, which might surprise some conspiracy theorists, but again, he successfully defends his position with what was known and could be prudently proven at the time. Gannon never overextends an argument, but he presses the limit of logical agreement. He leaves what cannot be proven to history or future discoveries.

The effort to shed a more favorable light on the senior commanders proves to be the book's central organizing theme, from which all other questions are presented, argued, and answered. This is an effective way to present information that might be described by some as simply dry research material.

The book is also about more than just Pearl Harbor. I recommend it to those interested in the conditions inside of the Japanese military in 1941 and those interested in code breaking, espionage, and politics inside the U.S. military and government.

MAJ Ted J. Behncke, Sr., USA, Fort Leavenworth, Kansas

EYEWITNESS IN THE CRIMEA: The Crimean War Letters of Lieutenant Colonel George Frederick Dallas, Michael Hargreave Mawson, ed., Greenhill Books, Mechanicsburg, PA, 2001, 320 pages, \$39.95.

During the Crimean War, which lasted from 1853 to 1856, opposing forces included the British, French, Turks, and Sardinians against the Russians, who were ultimately overcome. The main utility of *Eyewitness in the Crimera: The War Letters of Lieutenant Colonel George Frederick Dallas* is to gain understanding of the quality of life of soldiers in the field.

Dallas began his military career as a subaltern (a British lieutenant) and eventually worked his way up to a general staff position, but his letters reflect his dissatisfaction with his profession; it is easy to understand why. Communications were slow, logistics were difficult to deal with, and promotions seemed based more on family ties than merit.

This book is easy to read and moves at a fair pace. There might be terminology with which Americans are unfamiliar, so it might be worthwhile to do a little research to understand how the British honorary orders and rank system of that time worked. The book's purpose is not to be a comprehensive account of the Crimean War, and as a supplement it is excellent.

CPL David J. Schepp, USA, Fort Benning, Georgia

NATIONALISM AND ETHNIC CONFLICT (International Security Readers), Michael E. Brown, Owen R. Cote, Jr., Sean M. Lynn-Jones, and Steven E. Miller, eds., The MIT Press, Cambridge, MA, 2001, 491 pages, \$27.95.

Nationalism and Ethnic Conflict is a collection of reprints of articles published by the Center for International Security and Cooperation. Although half the material is new, the world situation is unchanged; internal and interregional conflicts, such as those in Rwanda and Bosnia, continue to threaten international security. The collection contains three sections: "The Sources of Nationalism and Ethnic Conflict," "Options for international Action," and "Political Challenges."

The first section, which defines terms and problems, contains one of the more thought-provoking articles, which argues that unregulated free speech might not always be the best arrangement for a newly established nation. Another article addresses the roles of special interests, grudges, and pettiness in manipulating ethnic outbreaks and the possibility that, perhaps, ethnic conflict is sometimes a rational choice. In an essay from 1996, David Lake and Donald Rothschild explain that because intergroup relations are imperfect, fear might be a major driver of ethnic conflict. An ethnic group that loses its confidence in the system becomes vulnerable to the rabble-rouser, so it is imperative to maintain intergroup trust. Each essay includes recommendations for at least reducing the problem, but overall emphasis is more on defining than solving the problem of ethnic friction.

The second section deals with tools. Those who would call for military action should read the three essays that discuss military options. Barry Posen demonstrates that, in almost all circumstances, solving refugee-generating problems requires the use of force; the nature of war cautions against entering into it lightly. Daniel L. Byman and Matthew C. Waxman's article on the air war in Kosovo takes the position that the debates on air power have not even asked the right questions, much less answered them.

Part three focuses on what to do once conflict has begun—how to develop a workable peace, how to defuse those who have a stake in prolongation of the conflict, how to work around international rules. This section is really depressing. Nothing works consistently. Maybe, suggests Chaim Kaufmann, the only solution is to create homogenous ethnic homelands for everyone.

This is a good book. As with any good collection, it includes a section on additional reading. However, there is no bibliography, and the footnoted material might or might not be mentioned as additional reading. Styles of writing vary, of course, and some are more readable than others, but all are acceptably written. The editors might have updated some of the older articles, but the dated references matter only to quibblers; the new articles keep the collection fresh and pertinent. More important, the book is a good reminder that in ethnic conflict, as in life, uncertainty, complexity, and ambiguity are more common than clear-cut answers.

John H. Barnhill, *Ph.D.*, *Tinker AFB*, *Oklahoma*

MARTIN FROBISHER: Elizabethan Privateer, James McDermott, Yale University Press, New Haven, CT, 2001,

509 pages, \$35.00.

Sir Martin Frobisher (1535-1594) was a vice admiral in the Royal Navy and a pirate. The dichotomy of the two positions works as a good introduction to a man who spent much of his career searching for the fabled Northwest Passage, but who also, in 1588, played a significant role in thwarting the Spanish Armada, an action that earned him a knighthood. Yet, Frobisher never achieved the historical stature of contemporaries Sir Francis Drake or Sir Walter Raleigh.

James McDermott traces Frobisher's life from his boyhood in Yorkshire to expeditions in Africa, North America, and the Caribbean. Frobisher's three unsuccessful voyages in search of a northwest passage to Asia were the impetus for his piracy against the Spanish Empire in the Caribbean. The respectability of his later undertakings for Queen Elizabeth does not negate his unsavory early activities or his personal ruthlessness.

McDermott, an independent scholar and a leading authority on Frobisher and the Northwest Passage, spent almost 30 years researching his topic. The end result is the life story of an unlikable individual who climbed the social ladder despite the cost to those around him. McDermott bases his story on

available archives, printed primary sources, and many secondary sources. I recommend this book to those interested in naval history or the Elizabethan era.

> Alexander Bielakowski, Ph.D., Findlay, Ohio

HUMAN RIGHTS IN IRAN: The Abuse of Cultural Relativism, Reza Afshari, University of Pennsylvania Press, Philadelphia, 2001, 376 pages, \$49.95.

Reza Afshari teaches human rights and history at New York's Pace University. *Human Rights in Iran: The Abuse of Cultural Relativism* is an excellent book on the mechanics, twisted legal justifications, and organizations that propagate human rights abuses in Iran.

The book is organized into five main areas of violations as defined by the United Nations Commission on Human Rights (UNHCR). When UNHCR measures a nation's internal security apparatus, the five violations it looks for include the following:

- The right to life.
- ☐ Freedom from torture.
- ☐ The right to liberty and security of person as well as freedom from arbitrary arrest.
 - The right to fair trial.
- The right to freedom of conscience, thought, and religion.

What makes this book a great find is Afshari's ability to use Persian concepts and Shiite interpretations of Islamic law to make his points. He relies heavily on prison accounts and the work of UN inspectors such as Galindo Pohl.

Afshari lays out the political framework of the Islamic Republic of Iran and delineates between the hierarchies of Shiite Muslim clergy, which begins with Talabah (student). The initiate next attains the rank of Mojtahid (cleric), during which he strives to perfect certain aspects of theology. From there he completes a thesis on Islamic affairs and attains the rank of *Hojjat-ul-Islam* (learned cleric) and finally Ayatollah (supreme guide). Understanding this hierarchy, which is only found in Shiite Islam, is important because it is crucial to appreciating the differences and significance among various mullahs (clerics) who operate the theocracy in Iran.

One concept of Islamic law that Ashfari discusses is mofsed fel ard, meaning "one who sows corruption on earth." In Arabia this concept was used to develop laws against smuggling and drug peddling. In Iran the concept has taken on new meanings, including the undermining of national security. Another word favored by Islamic jurists in Iran is mohareb (warring against God); that is, engaging in armed robbery or violent crimes, for which the maximum punishment is meted out. This concept has also been used to declare someone an apostate whose only crime is his political conscience. Ashfari discusses how Islamic judges in Iran use these Arabic terms, largely unintelligible to a Persian-speaking populace, to establish legitimacy and to frighten the accused.

Another cruel perversion of Islamic law that Ashfari discusses is *najes* (being unclean), which deals primarily with the state of cleanliness preserved for prayers. Shiites running Iranian prisons took this concept a step farther to declare non-Muslim captives spiritually unclean and to begin the systematic dehumanization of such prisoners.

Finally, there is the term *tawaban* (the repentant prisoners). The concept of *tawba* is used as a compact between God and the repenter over a matter that requires forgiveness. *Tawha* is personal, and occasionally others are allowed to witness it so as to keep the Muslim from straying. Iranian jailers, using tapes and forced confessions, have developed an informant system using the *tawba* concept.

The Iranian Revolutionary Guard conducts interrogations, and according to prison memoirs, veterans of the Iran-Iraq War are the meanest interrogators. They typically blame subversives for prolonging the war and are more physically abusive to political prisoners. Qapan is a technique in which the extended arms are handcuffed and slightly elevated to deliver pain to the joints, nerves, and wrists. *Dastgah* is a wooden version of the medieval iron lady without the spikes—a prisoner might remain lying in a coffin-like apparatus for days until he confesses. These accounts also show that as religious and political objectors are callously tortured, such inhumanity spreads to even religious clerics arguing for a change in policies.

On a brighter note, the book contains highlights about the political soul-searching Iran is undergoing. Over 60 percent of the population are under 25 years old and do not remember the 1979 Revolution. This has led to open questioning of the wisdom of the clergy, who have no expertise in running engineering, transportation, and other complex systems. Many people question the need for the post of supreme leader (currently the Ayatollah Ali Khameini), a person not elected by the populace and who serves to undermine current president Mohammed Khatami.

The book contains many accounts that take readers into the notorious Evin Prison in Teheran and offers insight into the types of dissent that incur the wrath of the religious clergy in Iran. Afshari's work is highly recommended for Middle East specialists and those who want to understand events in Iran in particular. Readers might want to consult Elaine Sciolino's Persian Mirrors: The Elusive Face of Iran (Free Press, New York, 2000), which gives a broader sociopolitical perspective of the Islamic Republic, before tackling Afshari's book.

> LT Youssef Aboul-Enein, USN, Gaithersburg, Maryland

UNDER ARMY ORDERS: The Army National Guard during the Korean War, William M. Donnelly, Texas A&M University Press, College Station, 2001, 271 pages, \$34.95.

Under Army Orders: The Army National Guard during the Korean War sheds light on the age-old problem of how to successfully integrate citizen-soldiers into the regular army during times of crisis. Even though William M. Donnelly focuses on the period during the Korean war, the problems of mobilization, training, and readiness could apply now as well as they applied during the limited call-up during the Persian Gulf war. Donnelly brings up valid arguments and differences in conceptual deployment philosophy. Many of the shortcomings of the U.S. Army National Guard (ARNG) and U.S. Army Reserve (USAR) brought to light remain relevant. Whether these shortcomings are actual or perceived is irrelevant since once perceived the issues need to be analyzed and solutions developed.

Reading about the major issues during the Korean war call-up of ARNG units and USAR soldiers allows us to see that Army leaders continue to refine this process to fit the evolving environment of modern warfare. Two issues Donnelly explores are the integration into the force of units that have proper operational readiness and the training of battalion and brigade staffs in the functions of a warfighting staff. Two concepts that directly address warfighting readiness are the development of ARNG enhanced brigades and the incorporation of the Battle Command Training Program, which helps train ARNG brigade and battalion staffs.

Donnelly offers great insight from both perspectives of the struggle to integrate the components into the regular army during times of crisis. Overcoming the political implications and human aspects remain the same, however. The components' senior leaders recognize the issues and continue to work toward solutions with which to serve the Nation.

LTC Billy J. Hadfield, USA, Beavercreek, Ohio

THE PARADOX OF AMERICAN POWER: Why the World's Only Superpower Can't Go It Alone, Joseph S. Nye, Jr., Oxford University Press, NY, 2002, 222 pages, \$26.00.

Joseph S. Nye, Jr., was dean of the Kennedy School of Government at Harvard University and assistant secretary of defense during President Bill Clinton's administration. With *The Paradox of American Power: Why the World's Only Superpower Can't Go It Alone,* Nye adds to the list of books on the future of U.S. foreign policy as perceived after the events of 11 September 2001.

In the wake of the 11 September assault, many pundits have advocated a go-it-alone solution to eradicating the immediate and long-term threats of global terrorism. Thus far, military efforts in Afghanistan have

validated this approach, as U.S. forces have conducted the majority of operations with smaller contributions from Britain, Canada, and Australia. Nye would agree that, in the short term, this is a plausible and correct approach, but to succeed in this war on terrorism and remain a superpower well into the 21st century and beyond, America must work closely with the world community.

Nye's paradox is that despite America's superpower status, with its capability to project conventional and nuclear forces worldwide, it still cannot absolutely influence world events. Nye calls this kind of power "hard power," which rests at the top of a "three-dimensional chess game" of global power.

Clearly, the United States is the leader in the military realm, with a convincing ability to act in a uni-polar fashion, but in the next layer, the economic realm, it is operating in a multi-polar field. Thus the United States, despite unprecedented economic strength, must give and take with the rest of the world, especially Europe, since downturns in European markets can have serious repercussions on the U.S. economy. The United States cannot afford the luxury of a go-it-alone attitude.

But it is in the base layer, what Nye calls "the realm of transnational relations that cross borders outside of government control," that America needs to devote its fullest effort—or risk further attacks. This is "soft power," where American values, traditions, and social mores provide the kind of world influence that is the most cost-effective and, ultimately, the most lasting in a world setting. Soft power is also how America balances diplomatic and informational power as a global player.

Globalization and the information revolution have dramatically enhanced America's hard and soft power while allowing other actors a global voice. What occurs in the arena of foreign affairs is quite important.

Nye advocates a middle ground between unilateralism and multilateralism, because what America stands for is equally important, indeed at times more important. Nye cautions that U.S. leaders must respect and fully understand soft power because its consequences and benefits transcend immediate global concerns. In the long term, it will be impossible to win the war on terrorism by acting alone. The rest of the world cannot see America as a ruthless hegemony. Yes, there are times to act unilaterally, but for the most part, America will benefit from being a global player.

Nye's critics will most certainly point out that it was during the Clinton administration, in which Nye was a significant player, that Osama bin-Laden and the al-Oaeda network developed fully. These critics thus will argue that soft power is not enough and that the United States should have been flexing more and stronger hard power, as evidenced by the failure of the cruise-missile strikes following the 1998 American Embassy bombings. In hindsight, Nye would agree with this, but the seeds of world discontent were sown long before Clinton took office, and a military reaction to all such discontent is both unsuitable and unsustainable.

The United States must travel a middle ground between hard and soft power, which is a lesson the U.S. military learned quite well, given America's global commitments in the 1990s. America most certainly should carry President Theodore Roosevelt's "Big Stick," but in operations other than war, speaking softly and respectfully can provide far greater returns, especially when lives are at risk

Short yet pithy, Nye's book will most certainly benefit the military professional by providing a clear framework for how military power can most successfully interplay with the other tools of power in best securing U.S. national interests.

> MAJ James J. Bruha, USA, Williamsburg, Virginia

NONE SO BLIND: A Personal Account of the Intelligence Failure in Vietnam, George W. Allen, Ivan R. Dee, Publisher, Chicago, IL, 2001, 300 pages, \$27.50.

George W. Allen retired from the Central Intelligence Agency (CIA) in 1979. From 1949 to 1968, his intelligence career focused on Southeast Asia, particularly Vietnam. He served in Saigon for two years as a member of the CIA element and made repeated assessment trips there. His career includes service in Washington, D.C., at CIA headquarters, the Defense Intelligence Agency, and U.S. Army intelligence.

The initial draft of Allen's book was completed in 1980, immediately after his retirement. In the book, he seeks to document, through his personal accounts and direct contact with many major decisionmakers, the fundamental flaw in U.S. decisionmaking that led to the escalation in military involvement and ultimate defeat in Vietnam. His theme is that U.S. decisionmakers would not or could not integrate into their deliberations intelligence findings that did not fit their preconceived or desired notions of what the events, facts, figures, and potential outcomes should

The seeds for the flaw were evident in the overly optimistic U.S. policy decisions of the 1950s in support of French forces in Indochina, despite evidence that the Vietminh's overwhelmingly strong will made them capable of defeating any opposition. Neglecting intelligence estimates that did not fit into the group-think approach of U.S. policy deliberations denied U.S. decisionmakers the evidence of enemy capabilities. Witnessing the reactions of principal civilian-military leaders to contrary intelligence estimates through Allen's eyes is a sobering experience that makes reading this book a wise use of one's time.

> COL James D. Blundell, USA, Retired, Alexandria, Virginia

IN CONFIDENCE: Moscow's Ambassador to America's Six Cold War Presidents, Anatoly Dobrynin, University of Washington Press, Seattle, 2001, 672 pages, \$27.50.

Former ambassador and politburo member Anatoly Dobrynin presents a unique perspective on Soviet-American relations from 1962 through the demise of Gorbachev's regime. Dobrynin's well-written memoir offers keen insight into the inner workings of the upper reaches of

both governments during periods of cooperation and confrontation.

The leader of each nation had to reconcile sharp internal differences between military and diplomatic establishments. Each also had to rely on high-level, back-channel, personal communications to defuse potentially explosive situations. In the wake of the current acts of terror, Dobrynin's experience might prove relevant if the U.S. must confront an aggressive nuclear, biological, and chemical warfare-capable global alliance that has sharply different political and social systems.

COL John W. Messer, USAR, Retired, Ludington, Michigan

DUTY, HONOR, PRIVILEGE: New York's Silk Stocking Regiment and the Breaking of the Hindenburg Line, Stephen L. Harris, Brassey's, Inc., Dulles, VA, 2001, 374 pages, \$27.95.

Stephen L. Harris' Duty, Honor, Privilege: New York's Silk Stocking Regiment and the Breaking of the Hindenburg Line is first-rate social and military history. The 107th Regiment, a component of the 27th Division, was composed entirely of New York National Guard troops from two great New York Infantry Regiments—the 7th "Silk Stocking" Regiment from downtown New York City and the 1st New York "Apple Knockers" from upstate New York near Newburgh. The regiment fought gallantly and at great cost as part of the British Army's last great offensive of World War I.

To Harris the story is personal. He is a descendant of Raeburn van Buren, magazine illustrator, cartoonist, and member of the social and intellectual elite of New York City. The 7th New York Infantry's Armory on Park Avenue between East 66th and East 68th reflected Van Buren's neighborhood. The Armory housed soldiers who were, for the most part, well heeled. The 7th was mostly old money and had been so from the outset of the regiment's history in the early 19th century. In 1917, when the United States joined the fighting in Europe, soldiers in the regiment bore the names of the leading families of New York-Vanderbilt, Van Rensselaer, Gracie, and Roosevelt, to name

a few.

Harris notes that, in addition to wealthy old New York families, the regiment included the newly wealthy, including the son of a Tammany Hall magnate; New York City's intellectual elite, including poet Joyce Kilmer, who became the regiment's most famous casualty; a band of New York journalists from major papers and periodicals; and graduates of Yale and Harvard. The 7th was rightfully proud of who they were and took pride in their military history. During the Civil War, for example, one of theirs earned the first Medal of Honor. The regiment also took pride in the fact that they provided more officers for the Union Army "than any other organization including the USMA.

Harris's account is richly laced with first-person narratives, and he is at his best when capturing the social context of life in and around the Silk Stocking soldiers. He is also effective in relating the riveting tale of the wrenching amalgamation of the quite different regiments. Early 20th century New York life was far more class conscious than we are now, but the new regiment came together because officers were sensitive to the need to get it done right.

Harris's account of the fighting to break the Hindenburg Line is first rate, although focused obviously on the effects of combat on individuals rather than on pure military history. The regiment suffered in that offensive, losing 349 killed on 29 September 1918 for the highest casualty rate for a U.S. regiment in a single day. Nearly 900 more were wounded, but the 107th fought bravely, earning four Medals of Honor—a record for the U.S. Army in that war.

Harris sees the regiment through the end of the war and occupation and ends the story with its welcome parade in March 1919. Harris leaves the reader at just the right balance between promise for the future and sorrow for those lost. Altogether, this is a book well worth reading and recalls an era when the Army and the country were much more closely woven together than they are now.

> COL Gregory Fontenot, USA, Retired, Lansing, Kansas

FORT ROBINSON AND THE AMERICAN CENTURY, Thomas R. Buecker, Nebraska State Historical Society, Lincoln, 2002, 242 pages, \$40.00.

My lifelong interest in horses and riding led me to review Fort Robinson and the American Century by Thomas R. Buecker. Younger soldiers today might find it hard to comprehend that the Army did not disband its final two horse-mounted divisions until 1943. My father's class at West Point was the last to receive equestrian lessons as cadets, and they were the last to ride horses into combat, the last horse cavalry charge being made by the 26th Cavalry Regiment in the Philippines in March 1942.

Horses were integral components of the early U.S. Army, and Fort Robinson, Nebraska, was synonymous with Army horses; it was the Army's premiere remount station during the years between World War I and World War II. Buecker's superlative book documents the Fort's history, and it complements his first book, Fort Robinson and the American West, 1874-1899 (Nebraska State Historical Society, Lincoln, 1999). Fort Robinson eventually garnered a reputation for being one of the finest posts in the Army and earned the title "country club of the Army." It was home to the 1st, 8th, 10th, 12th, and 13th Cavalry Regiments, with the 10th having spent the longest service at the fort.

The Army had no real standardized means of acquiring good horses until Fort Robinson's remount service began after World War I. Before then, regimental officers had to purchase horses from private ranchers and breeders, but this system was not reliable. What was required was a standard breed of horse suitable for Army use. World War II might have heralded the end of the mounted services, but Fort Robinson kept providing outstanding horses, later mules, for the U.S. Army and for British Commonwealth forces.

Mobilization for war also meant diversified uses of the fort. The Army War Dog program was stationed at Fort Robinson, where thousands of sentry and scout dogs were assessed and trained. Thousands of Afrika Korps enemy prisoners of war also spent time at the fort.

At the end of the war, Fort Robinson was high on the list of excess forts. The Germans were sent home, the dogs were no longer needed, the frontier was closing, and the horses were relegated to Olympic teams. Fort Robinson's use to the Army was over. The fort was turned over to the U.S. Department of Agriculture (USDA), which quickly converted it to a cattle experimentation station, much to the dismay of horse ranchers who believed horse-breeding operations would continue. When the USDA's cattle operation became a point of contention too great to be ignored, the State of Nebraska took possession of the fort and converted it into a state park. Fort Robinson is now a recreational area and boasts a number of activities, including horseback riding. Old officer quarters have been converted to guesthouses, and the old stables now house rental horses.

Having taught the Sioux Wars staff ride as an elective at the U.S. Army Command and General Staff College, I found this book to be a great addition to my reference library. I will certainly take it with me when I accompany groups to Sioux Wars sites on future tours.

LTC Edwin L. Kennedy, Jr., USA, Retired, Leavenworth, Kansas

CHINA MARINE, E.B. Sledge, The University of Alabama Press, Tuscaloosa, 2002, 224 pages, \$29.95.

China Marine is E.B. Sledge's follow-on to his critically acclaimed memoir With the Old Breed at Peleliu and Okinawa (Naval Institute Press, Annapolis, MD, 1996). In China Marine, Sledge recalls his experiences as a young private in the 5th Marines Regiment, 1st Marine Division, while stationed on occupation duty in North China following the end of World War II. Sledge recounts his combat experiences in Peleliu and Okinawa and how bonds of friendship formed in combat were never broken. These bonds proved invaluable as the Marines of the 1st Marine Division found themselves in the middle of a power struggle for control of all China. While Chiang Kai-shek, Mao Tse-tung, and various warlords fought for control of war-torn China, U.S. Marines fought and died while attempting to provide stability to the region.

Sledge relates how he transitioned mentally from a life focused on battle and the camaraderie among soldiers; to duty in China, where he formed new and lasting friendships among the Chinese; and finally, as a professor in a small southern university. Sledge superbly describes his adventures. His narrative is easily read, and anyone who has been in a kill-or-bekilled situation can readily relate.

COL C.E. Hatch, USMC, Retired, Foster, Oklahoma

EAST ASIA AT THE CENTER: Four Thousand Years of Engagement with the World, Warren I. Cohen, Columbia University Press, New York, 2001, 528 pages, \$35.00.

Warren I. Cohen's relatively short book, East Asia at the Center: Four Thousand Years of Engagement with the World, presents unfamiliar material in a readily understandable way. The last half of the book, which talks about East Asian international relations since 1600, emphasizes the relatively recent past. Cutting across traditional chronologies, Cohen takes a broad view of diplomacy and considers continuities and disruptionswars and revolutions and cultural, religious, and commercial exchangesas well as evolving relations between the region's various states and nations. Cohen's conclusion is that China, like all great powers, will behave in the present as it did in the past—aggressive when strong, defensive when weak.

This brief summary does not do justice to this book's narrative sweep or its conclusions. I recommend that all who are curious about or who have a professional interest in East Asia read this book.

Lewis Bernstein, Ph.D., Senior Historian, Huntsville, Alabama

THE DOOMSDAY SCENARIO,

L. Douglas Keeney and Stephen Schwartz, MBI Publishing Company, St. Paul, MN, 2002, 126 pages, \$19.95.

In *Doomsday Scenario*, L. Douglas Keeney and Stephen Schwartz present two of the three sections from the U.S. *Emergency Plans Book* (*EPB*) that until 1998 remained clas-

sified. The *EPB*, prepared in 1958 for senior military and civilian leaders, outlines how the United States would ensure continuity of government after a nuclear attack by the Soviet Union. Keeney and Schwartz discuss the *EPB's* current relevance and application in light of the events of 11 September 2001.

The 1958 version of the *EPB*, which provided guidance for defense mobilization planning in the event of a direct attack on the United States, contained three sections: "Capability Assumptions," "Weapons Effects," and "Situation Assumptions." The second section remains classified, but the format and wording of the *EBP* is unchanged.

The EPB contains a scenario of a Soviet strategic forces nuclear attack to illustrate the expected damage to the United States. In "Capability Assumptions," Keeney and Schwartz outline the impact, expected levels of damage on critical infrastructure, and casualty predictions. The EPB states that the Soviets will use atomic weapons anywhere in the United States and deliver them by aircraft, submarine, mines, or clandestine means. Unfortunately, Keeney and Swartz incorrectly distinguish between atomic and nuclear bombs, stating that an atomic bomb is smaller in yield than a nuclear bomb and that an atomic bomb is a fission-only bomb while a nuclear bomb is a fusion bomb. The words atomic and nuclear are synonymous, and if one desires to talk about nuclear weapons that incorporate fusion for increased yield, the correct term should be thermonuclear weapon.

A second item worth noting is that the *EPB* assumes that a strike will be a counterforce strike rather than a countervalue strike. In a review of historical bombing campaigns and a comparison of the 11 September 2002 terrorist attacks, Keeney reinforces this targeting method and its underlying assumptions. In almost every recorded bombing campaign, the use of countervalue targeting hardens the resolve of the receivers and fails to achieve the intended objective of the aggressor.

In "Situation Assumptions," the authors discuss results, focusing on

the consequence management efforts of the government and the military. This section also contains pre- and postattack actions still valid today.

The *EBP* identifies clandestine means as a delivery option for a surprise nuclear attack. Most U.S. borders are unguarded and port nuclear-detector capabilities are nonexistent. A determined enemy or terrorist could easily place a small nuclear weapon anywhere in the United States and detonate it at will. Keeney brings this issue out and raises the question of why this critical issue remains unresolved after more than 40 years.

The EBP assumed a nuclear attack would paralyze the economic and other critical systems within the country, and the shape of the economy would reflect the effects for years. The government would rely on local and regional governments to carry out national-level policies and to make the best use of remaining resources to provide necessary services while encouraging survivors to conduct normal consumer functions. Keeney and Swartz link this section of the EBP directly to the effects from the 11 September attacks and the economic results when Wall Street finally re-opened. Although they do not directly state this conclusion, I believe they felt that the government could have done more to prepare for this type of attack and clearly could have handled postattack actions and civilian confidence differently.

I recommend this book to anyone who has an interest in the history of U.S. nuclear doctrine or U.S. consequence-management efforts.

MAJ Richard A. Schueneman, USAF, Offutt AFB, Nebraska

RUSSIAN STRATEGIC NUCLEAR FORCES, Pave Podvig, ed., The MIT Press, Cambridge, MA, 2001, 192 pages, \$45.00.

Russian Strategic Nuclear Forces is a compendium on the evolution of such forces and provides information on most of the central issues concerning Russian strategic weapons. Written in 2001, the book covers the conception of the Soviet nuclear weapons development program in

the 1940s to the situation of strategic forces in Russia up to 1998. The book begins with a short history, structure, and organization of Soviet and Russian Strategic Nuclear Forces, then examines nuclear weapons production, nuclear tests, the strategic rocket forces, naval strategic nuclear forces, strategic aviation, and strategic defense. A short afterword deals with more recent attempts at reform. The authors draw the uncontroversial conclusion that Russia will most likely continue to draw down the number of weapons it currently possesses and that the major source of tension will remain the U.S. position of creating a national missile defense.

This book is an outstanding source for a detailed overview of technical and institutional information concerning Russian strategic forces. It is also an excellent initial source for students, researchers, or professionals dealing with issues relating to these forces. Of special interest are the sections covering various arms control initiatives.

Although this book is an excellent source on Russian nuclear forces and specific weapons systems, it does not include an analysis of political factors that influenced the development and current posture of Russian nuclear policy. Also, there is little information on the effect of various nonproliferation programs that have played major roles in destroying excess systems and improving security since the Soviet Union's demise.

MAJ Ralph T. Blackburn, USA, Fort Leavenworth, Kansas

THE EMERGENCE OF PEER COMPETITORS: A Framework for Analysis, Thomas. S. Szayna, Daniel L. Byman, Steven C. Bankes, Derek Eaton, Seth G. Jones, Robert E. Mullins, Ian O. Lesser, and William Rosenau, The RAND Corporation, Santa Monica, CA, 2001.

171 pages, \$18.00.

This succinct work constructs a framework that strategists, soldiers, intelligence specialists, scholars, and statesman can use when assessing what should be the long-term future national security strategy of the United States in response to the rise of a peer competitor. The authors'

thesis is that identifying the rise of a peer competitor early is the most important long-term planning challenge for the Department of Defense.

The study begins with an explication of the term "proto-peer competitor." The authors define the term as follows:

It is a state that has certain characteristics.

It must have the means (defined as multiple elements of national power at its disposal) and a desire to upset the current international status quo.

☐ It must be able to challenge the current hegemon (the United States), and the outcome of the challenge must be uncertain, even if the hegemon uses all its assets in the fight.

The study outlines four strategies a state could use to aggregate power so it can compete with the United States either regionally or globally. A proto-peer can reform itself, undergo revolution, form alliances, or seek hegemony through conquest. A future proto-peer might use one, a combination, or all of the above in its drive for power.

The study also provides four possible strategic options the United States can use in attempts to counteract the power aggregation desires of a proto-peer competitor. The United States might adopt a conciliatory stance, attempt to co-opt the rising power to accept the status quo, constrain the proto-peer, or directly compete with the proto-peer to retain its hegemony.

The framework is an easily implemented and understood tool to conduct an initial assessment of potential competitors. The proposed framework has three advantages. First, it defines what a nation-state needs to be classified as a proto-peer (ability and intent). This is crucial because domestic political concerns often create inaccurate impressions of other nation-states, leaving the strategist to look elsewhere for information with which to build a strategy. Second, the framework provides an objective, structured methodology with which to assess potential risks and gains for a given strategy that the United States might adopt. Third, the framework provides the strategist a basis

from which to assess second- and third-order effects a particular strategy might create. This ability is absolutely crucial for developing a long-term strategy that affects U.S. national security policy.

This study is a valuable resource for military professionals. It outlines possible strategic options for future competitors against United States hegemony and provides realistic options for the United States in combating the rise of such a competitor. Worldwide operations demonstrate that the most seemingly insignificant tactical events can and do have operational and strategic repercussions. This work provides in an analytical model with which to solve future national security problems and crises with respect to the United States and its future competitors. With the levels of war so merged as to be nearly indistinguishable, it is important for military professionals to read books such as this.

The only detractor to the study is that some sections are rather technical as the parameters for the game logic are explained in detail. The chapters on game modeling and decision rules are best skipped unless one is knowledgeable about those topics.

MAJ Daniel S. Hurlbut, USA, Fort Leavenworth, Kansas

DEFENSE BY OTHER MEANS: The Politics of US-NIS Threat Reduction and Nuclear Security Cooperation, Jason D. Ellis, Praeger Publishers, Westport, CT, 2001, 221 pages, \$67.95.

In Defense By Other Means: The Politics of US-NIS Threat Reduction and Nuclear Security Cooperation, Jason D. Ellis provides the background, evolution, and future forecasts for the Nunn-Lugar program. The program was a bipartisan initiative that sought to provide the Newly Independent States (NIS) of the former Soviet Union (FSU) assistance in denuclearizing their countries.

Ellis presents a detailed account of the Cooperative Threat Reduction (CTR) program, or Nunn-Lugar, since its initiation in 1991. He provides background information detailing the need for the program and the hurdles that stood in the program's way. He

also outlines the problems of trying to execute such a complex program with countries that only a few years before had their nuclear weapons aimed at the United States. Ellis's descriptions of the ways various federal agencies conduct daily business regarding complex and proprietary issues provide insights applicable to any number of federal programs. The clearly depicted data supports all of Ellis's facts and suppositions.

For the novice to the subject of arms control, this book provides an excellent base on which to build a further understanding of U.S. policy on future threat-reduction programs and legislation. Ellis presents the information in such a manner that even without a thorough knowledge of arms control or nuclear disarmament the book is enjoyable and easy to understand. The fact that Ellis provides repeated definitions or important facts and figures in several chapters allows the reader to refer to pertinent information without having to constantly search through the entire book.

Military personnel working in arms control, strategic planning, or military-to-military programs relating to NIS from the FSU will find this book a good reference.

MAJ Donald R. Baker, USA, Fort Leavenworth, Kansas

DOES AMERICA NEED A FOR-EIGN POLICY? Toward a Diplomacy for the 21st Century, Henry A. Kissinger, Simon & Schuster, New York, 2001, 318 pages, \$30.00.

"Yes" is the answer to the question in the title of Henry A. Kissinger's foreign policy treatise. Ironically, the book's thesis would have been quite different if the title pressed for a "new" American foreign policy, as opposed to a foreign policy at all.

Kissinger's title bolsters his view that for the past decade (during President Bill Clinton's administration) the United States has not had a coherent foreign policy. This lack of strategic vision came at a time of unprecedented uncertainty in the world, a period when many longed for, and others grew resentful of, U.S. leadership. The book proposes that for the United States to excel in its new position of global preeminence, it must

adapt its foreign policy to the new realities of the international order, asserting U.S. power and protecting U.S. interests by building consensus in a more humble manner.

Kissinger supports his thesis by balancing the scales of a "strange mixture"—U.S. global preeminence versus the potential of becoming irrelevant. On the one hand, U.S power engenders respect and submission; on the other hand, long-term objectives (or lack thereof) arouse feelings of exasperation and confusion. Kissinger balances these two extremes in chapters devoted to each of the major world regions as well as the politics of globalization, peace (with respect to humanitarian intervention), and justice (in the sense of universal jurisdiction). In short, Kissinger is for constructive engagement with Russia and China; is antiintervention; and definitely against any type of international criminal court. In addition to outlining potential pitfalls if the United States stays the current unilateralist path, Kissinger particularly emphasizes the facts around the growing tensions between the United States and transatlantic partners in Europe.

Overall, Kissinger's recommendations are carefully nuanced, and he does not pose any radical shifts from policies being pursued today by President George W. Bush. I laud the call for more humility and less post-Cold War gloating in U.S. foreign policy. There is a clear warning against the current trend toward America's unilateralist approach to the world, one that Kissinger cautions could erode the benefits of U.S. leadership. After all, Kissinger is the consummate diplomat and rarely bypasses an opportunity to engage other countries for their support of U.S. policies. To do so would be diplomatic suicide.

For the military professional, regardless of specialty, it is essential to engage in debate about America's role in world affairs. This is especially true in an era of increased combined operations and coalition building. To know and to understand how the world perceives the United States and to be aware of the limits of U.S. power is critical. Kissinger's astute

combination of history and prescriptions for a better foreign policy are valuable. His book is rife with appropriate historical references that might have relevance for tomorrow's global landscape. Military professionals can gain a much better understanding of second- and third-order effects of strategy and plans by stepping inside Kissinger's strategic thinking. While the mechanics of political and military maneuvering might be different, the thought processes to arrive at such strategic decisions are strikingly similar.

MAJ Daniel R. Green, USA, North East, Maryland

QDR 2001: Strategy-Driven Choices for America's Security, Michele A. Flournoy, ed., National Defense University Press, Washington, DC, 2001, 388 pages, \$30.00.

QDR 2001: Strategy-Driven Choices for America's Security is the result of 15 months of effort by a group from the Institute for Strategic Studies at the National Defense University. The Joint Chiefs of Staff chartered the group in 1999 to conduct an intellectual review of the issues involving defense policy and to serve as a starting point for developing defense strategy, policies, and programs.

The review was conducted with the recognition that an estimated annual imbalance of \$30 to \$50 billion dollars exists between defense resources and strategy. Editor Michele A. Flournoy compares the situation to an analogy of an "iron triangle." The three sides of the triangle represent the U.S. Department of Defense's requirements: to spend more (to receive an overall budget increase); to cut costs (to determine internal efficiencies and redistribute the savings to accomplish goals); or to do less. Flournoy acknowledges that political reality might make it impossible to increase defense spending to meet defense requirements.

Thirteen additional chapters examine other critical issues that must be addressed to determine defense policy and to provide recommendations for further consideration in developing an integrated national defense strategy. This book is an excel-

lent resource for anyone interested in exploring this complex issue. Although the book is lengthy, the stand-alone chapters facilitate quick analysis of several critical issues.

The study group's effort predates the final QDR by over 9 months and the events of 11 September 2001. The 79-page QDR is available online at <www.defenselink.mil/pubs/qdr2001.pdf>.

LTC Gregory L. Cantwell, USA, Fort Leavenworth, Kansas

HOW DID THIS HAPPEN? Terrorism and the New War, James F. Hoge, Jr., and Gideon Rose, eds., Foreign Affairs, New York, 2001, 324 pages, \$14.00.

How Did This Happen? Terrorism and the New War is a superb, thought-provoking book. The combined talents of 24 civilian and military Middle East experts, such as General (Retired) Wesley Clark, William Perry, Samuel Berger, Fouad Ajami, and others of high caliber and recognition, make this must reading for the military community.

Neither complacency nor hysteria, obviously, are good ways of approaching U.S. national security. More appropriate is measured determination grounded in facts and sound judgments about the challenges facing the country and the alternative responses available. Many have questioned why the 11 September 2001 terrorist attacks occurred and who the people were who were responsible. This book is an excellent analysis of what happened, although some conclusions are speculative, and it offers insight into possible ways to combat future problems.

Each writer tells a compelling story or narrative about what he sees as the driving force behind why planes were launched against the World Trade Center and the Pentagon. Several major points underscore the thesis. For example, in "American Society Responds to the New War," Alan Wolfe proposes that the main reasons for attacking America stem from how the attackers perceive Western culture and religion.

In "Somebody Else's Civil War," Michael Duran argues that Osama bin-Laden wanted to cast the United States and its allies as demons and instruments of Satan. Bin-Laden wanted to incite the Arab and Muslim communities to drive America from the face of the earth. Such acts would satisfy the Umma or the universal Islamic community and restore harmony and balance: "The ensuing outrage will open a chasm between state and society . . , and the governments allied with the West . . . will find themselves adrift."

Karen Armstrong's narrative, "Was It Inevitable?" examines Americans' attitudes toward Islam. The truth is that most of us believe that all people of Muslim and Islamic faiths are fanatical terrorists and the "enemies of decent civilization" (an extremely narrow and dangerous view). This is an excellent book. I recommend it to everyone.

MAJ Rene Brown, USA, Fort Leavenworth, Kansas

THE PROSECUTION OF FOR-MER MILITARY LEADERS IN NEWLY DEMOCRATIC NATIONS: The Cases of Argentina, Greece, and South Korea, Terence Roehrig, McFarland and Company, Jefferson, NC, 2002, 211 pages, \$35.00.

Can a nation that has been under military rule successfully transition to a democratic government and reassert civilian control over the military? Can the new government hold the former military regime accountable for previous human-rights abuses in a manner that does not provoke the military to seize power again? Terence Roehrig addresses these pertinent questions in The Prosecution of Former Military Leaders in Newly Democratic Nations: The Cases of Argentina, Greece, and South Korea. Roehrig's thesis is that "the military can be prosecuted for past atrocities while not provoking a rebellion, if the civilian government embarks on a careful yet firm path to impose justice in a way that does not threaten the military as an institution." He provides in-depth analyses of how new governments in each country dealt with the military, cogently explaining why Argentina's approach resulted in military rebellion while Greece and South Korea's handling of military leaders resulted in acquiescence from their armed forces.

To organize his analysis, Roehrig uses Alfred Stepan's military prerogatives as the basis for his argument. Stepan's prerogatives are defined as "areas where the military as an institution assumes they have an acquired right or privilege, formal or informal, to exercise internal control over its internal governance. . . . " They are the privileges of political power that military regimes enjoyed during their reigns. Roehrig argues that during a transition to democracy, a civilian government must negotiate with the military over the retention of these prerogatives. The agreement reached by the military and the incoming government over the containment of these prerogatives is crucial to a successful transition to democracy. In Argentina's case, the government appeared to be tearing away at the prerogatives to the point where military leaders felt that the military, as an institution, was being attacked, along with attacks against individuals responsible for abuse of power.

Roehrig highlights the importance of civilian control over the military, one of the most valued cornerstones of the U.S. Constitution. He calls for some degree of soul-searching within the Washington establishment, urging it to consider that the United States has a history of supporting military regimes, such as that of South Korea, and that it cannot ignore the sobering possibility that there might have been complicity on the part of the United States in the transgressions of these military regimes.

The book is well written and well organized. Roehrig breaks down each case in a straightforward, structured style that makes his logic easy to follow. He masterfully applies specific examples and tables throughout the book to strengthen his argument and to illuminate his main points.

The book's only shortcoming is that it does not adequately examine the effect public sentiment had on the governments' resolve and ability to bring military leaders to trial. Roehrig does mention, in passing, the public's desire to bring military leaders to justice, but he does not sufficiently address the influence the public has in such countries. This

minor shortcoming certainly does not detract from Roehrig's brilliant work. MAJ Ernest C. Lee, USA, Fort Leavenworth, Kansas

PRESIDENTIAL DECISIONS FOR WAR: Korea, Vietnam, and the Persian Gulf, Gary R. Hess, The Johns Hopkins University Press, Baltimore, MD, 2001, 262 pages, \$49.95.

The decision to commit U.S. forces to combat is perhaps the most difficult and agonizing that any U.S. president might face. When exercising wartime leadership, a president must simultaneously contemplate myriad formal and informal powers at his disposal. Indeed, President George W. Bush currently faces the serious challenges of balancing these powers while executing the war on terrorism.

In Presidential Decisions for War: Korea, Vietnam, and the Persian *Gulf*, Gary R. Hess adeptly analyzes the factors influencing a president in his wartime decisions. Hess's approach to the study of presidential decisionmaking is similar to that of Richard E. Neustadt in his seminal work Presidential Power and the Modern Presidents (The Free Press. New York, 1991). Unlike Neustadt, who focuses on a president's formal and informal powers, Hess focuses specifically on the complex decisions of three presidents as applied to the limited wars each faced: Harry S. Truman in Korea, Lyndon B. Johnson in Vietnam, and George H.W. Bush in the Persian Gulf. According to Hess, the effectiveness of presidential leadership in limited wars is mainly based on the following factors:

- The ability to clearly define political and military objectives.
- The ability to rely on sound counsel from presidential advisers.
- ☐ The ability to gain the support of Congress and the American people.
- The ability to win the backing of the international community.

Hess analyzes the factors influencing each president in deciding to commit troops, and then he focuses on variables influencing the effectiveness of each president's leadership throughout the conflict. He highlights how Truman's decision to extend forces across the 38th parallel resulted in lost congressional, public, and international support. He explains the effect of Johnson's inability to articulate clear goals and to effectively deal with Congress and the American public. Finally, Hess shows that even when a president effectively balances the many competing factors, as Bush did in the Persian Gulf, in the end, the public might still want more.

By analyzing the factors influencing presidential wartime leadership across all four instruments of power (diplomatic, economic, military, and informational), Hess gives military professionals a valuable look into the broader context of when, why, and how presidents decide to commit and use forces and the subsequent pressures they face. Hess's methodology is useful beyond his three case studies. His insight is timely and constructive in the 21st century's complex, changing strategic environment. Indeed, President George W. Bush's ability to effectively balance these factors might ultimately determine the success of the current war on terrorism.

> MAJ Troy D. Perry, USA, Belfast, Maine

BREAKTHROUGH INTERNATIONAL NEGOTIATION, Michael

Watkins and Susan Rosegrant, Jossey-Bass, San Francisco, CA, 2001, 346 pages, \$40.00.

How did Richard Holbrooke get Bosnia's antagonists to sit down at the same table? What was Robert Galluci's strategy to present President Bill Clinton's response to North Korea's development of nuclear technology? How does one build a successful coalition for war? What steps did Terje Larsen take to push Middle East discussions to a different level? Are successful negotiators made or born? Is there a set of tenets, which can be applied to any negotiating scenario? Breakthrough International Negotiation by Michael Watkins and Susan Rosegrant attempts to address these questions in this interesting, insightful book.

Watkins and Rosegrant's study of four complex cases in which breakthroughs were attained in situations that had been considered deadlocked,

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highlights seven principles that capture how negotiators operate. A definition of breakthrough negotiators is that they "shape the structure of their situations, organize to learn, are masters of process design, foster agreement when possible but employ force when necessary, anticipate and manage conflict, build momentum toward agreement, and lead from the middle." The way negotiators apply the seven principles varies with each circumstance, but they are present in every breakthrough negotiation. Some principles are further broken down to capture the many facets involved—some more applicable than others, depending on the situation's complexity. The principles ensure every question is asked and every possibility considered. In other words, a negotiator's attention to detail, with a mix of flexibility, charisma, and drive, will produce results.

> MAJ Melinda Mate, USA, Fort Leavenworth, Kansas

SPIRIT, BLOOD, AND TREA-**SURE:** The American Cost of Battle in the 21st Century, Donald Vandergriff, ed., Presidio Press, Novato, CA, 2001, 424 pages, \$34.95.

Discussion of the future transformation of the U.S. military, although somewhat muted since the events of 11 September 2001, has begun to reemerge as a contentious issue, particularly since President George W. Bush unveiled his new military budget request. Spirit, Blood, and Treasure: The American Cost of Battle in the 21st Century attempts to identify some of the innovative changes necessary for improving U.S. military capability. The emphasis is on improving the ability to react faster than can potential enemies and to reform the defense establishment to be able to adapt to rapidly changing future circumstances.

According to this collection of articles, 21st-century conflict is evolving into a pattern where opposing forces can attack the political will of adversaries while avoiding direct confrontation with conventional military forces. This type of conflict is known as fourth-generation warfare. This book argues that the militaryindustrial-congressional complex (MICC) has been unable to adapt to

the changing external environment and to prepare the military to efficiently achieve its objectives in fourth-generation warfare scenarios.

Editor Donald Vandergriff, an active-duty U.S. Army major, organizes the anthology into three major sections: people, ideas, and hardware/ budgets. Civilian and military authors, representing all services, contribute to the various topics but the "people" and "hardware" sections have a decidedly Army flavor. The section on "ideas" constitutes almost half of the book and provides the most stimulating thoughts. Several articles focus on means for enhancing the development of maneuver warfare doctrine along with techniques for increasing the speed of the military unit decision cycle (observe, orient, decide, act [OODA]). All services are well represented with innovative ideas on how to transform their respective services, but the collection focuses mainly on Army institutions.

This anthology provides many points for discussion of the future of the U.S. military and would be useful to anyone interested in the transformation debate.

> LCDR Joseph G. Klein, USN, Fort Leavenworth, Kansas

LIFTING THE FOG OF WAR, Admiral Bill Owens with Ed Offley, The

Johns Hopkins University Press, Baltimore, MD, 2001, 296 pages, \$16.95.

In Lifting the Fog of War, Admiral Bill Owens, former Vice Chairman of the Joint Chiefs of Staff, states that fewer Americans, including fewer policymakers, have personal experience with the all-volunteer military. Thus, when watching CNN news reports of the apparently easy military successes in the Persian Gulf, Kosovo, and Afghanistan, Americans might think that the military is sufficiently strong to dominate all conflicts for the foreseeable future. When discussions of the defense budget arise, many will ask, "If the military ain't broke, why spend all those billions to fix it?" Owens devotes his book to showing that, while appearing formidable, the U.S. military is, in fact, running on empty. Because of force reductions, more deployments, and aging combat systems fast approaching obsolescence, the U.S. military is in danger of imploding.

Owens offers a relatively inexpensive fix. He argues that by integrating advanced information technology into redesigned force structures and by developing innovative doctrine, tactics, and training to govern their use, the United States can conduct a revolution in the way it wages war. In so doing, Owens claims the U.S. can transform its military into a smaller, more flexible, more lethal, and less-expensive force.

Owens illustrates his argument with historical examples of how failing to adapt existing force structure, doctrine, tactics, and training to new technology led to defeat for France in the Franco-Prussian War, for the Confederacy at Gettysburg, and for NATO during the air war over Kosovo and Yugoslavia. To Owens, the largest obstacle to this revolution is not the U.S. public or U.S. policymakers; it is the services themselves. What is most needed, Owens argues, is a transformation in the zero-sum mindset of U.S. military leaders.

True military transformation might mean the loss or realignment of the services' traditional roles and missions, resulting in fewer budget dollars for the losing service. Military leaders, primarily concerned with organizational survival in a fiscally constrained environment, impede Transformation from becoming a truly joint force that could best, and least expensively, leverage the nation's information-technology advantage in the pursuit of national objectives.

MAJ Robert P. Mooney, USA, Fort Leavenworth, Kansas

UNDERSTANDING INFOR-MATION AGE WARFARE, David S. Alberts, eds., CCRP Publications, Vienna, VA, 2001, 312 pages, price unknown.

The main thesis of *Understanding* Information Age Warfare is the importance of providing understanding of the characteristics of information superiority and information-age warfare. The essays describe a spiraldevelopment process required to transform the current military platform-centric infostructure into a network-centric one: "The main purpose of this book is to contribute to our

ability to move to the next spiral by providing a more detailed articulation of Information Superiority and Network Centric Warfare."

Platform-centric warfare is oriented around individual nodes (AWACS, JSTARS, individual operation centers, and so on). Network-centric warfare is oriented around an information "infostructure" required to provide maximum information sharing and collaboration. The essayists define the parameters of information (richness, reach, quality, and so on) and note the challenges of measuring the performance and effectiveness of spiral development.

The writers base their discussions on three information domains: physical, information, and cognitive. "The physical domain is the place where the situation the military seeks to influence exists (ground truth). The information domain is where information lives (might or might not be ground truth). The cognitive domain is in the minds of the participants (individual cognition)." The ability to share information creates a common operating environment (COE) giving all participants a common situational awareness. The authors believe this will lead to more effective collaboration and change how we approach command and control (C2) in the information age.

The new mental model will allow greater integration that, in turn, will allow more autonomous operations and will further decentralize the decisionmaking process. This allows for more responsive operations. The premise is based, of course, on a common understanding of commander's intent.

This book's importance to a military professional is obvious. A better understanding of information superiority and network-centric warfare is the foundation of knowledge required for implementing Joint Vision 2020. The focus now needs to be on the civilian sector. As we fight the war on terrorism, understanding the need for a COE and decentralized C2 and maximizing information-sharing and collaboration will be critical to success. To win the war on terrorism, military professionals will need to lead the way in crafting a

strategy to bring together unlike agencies and departments at all levels of government.

MAJ Joe Friers, USA, Fort Leavenworth, Kansas

DEFENSE PLANNING IN A DE-CADE OF CHANGE: Lessons from the Base Force, Bottom-Up Review, and Quadrennial Defense Review, Eric V. Larson, David T. Orletsky, Kristin Leuschner, The RAND Corporation, Santa Monica, CA, 2001, 156 pages, \$20.00.

This document is a study that summarizes and compares three major military force-structure reviews that occurred during the 1990s: the 1989-1990 Base Force Review, the 1993 Bottom Up Review (BUR), and the 1997 Quadrennial Defense Review (QDR). Key comparisons include assumptions about the threats, strategy, and budget as well as decisions and implementation of these decisions. The purpose of the comparison was to provide a historical context for future defense reviews, including the already released, 2001 QDR. The research study was requested by the U.S. Air Force (USAF) as part of a larger study to determine where the USAF would stand after each of the major defense reviews during the 1990s.

The research team came to several conclusions regarding strategy, force structure, and budgets. They suggest that strategy changes from one time to another, have important ramifications on resulting force structures and budgets, and are often ignored during defense reviews. If strategy was better linked to force structure and budget, changes in strategy could be effectively measured in terms of resources.

The study also concludes that during the 1990 reviews, more concern was placed on current-day threats and current-day force-readiness issues and that this hampered the force-reshaping effort required for long-term needs. The major argument that supports this conclusion includes force-structure numbers. Force structure and manpower do decrease without undergoing a major force restructuring or transformation, despite changes in strategy.

The authors believe there is a failure between the executive and legis-

lative branches to acknowledge true costs of a strategy. Debates over strategy and policies rarely take place with regard to costs, and this has impeded disclosure and consideration of cost problems. How to spend is based on year-to-year revisions and emergency supplementals to the budget. This has led to an inability to recognize the gap between force structure, budget, and strategy.

Although there is nothing earth shattering about these conclusions, the authors present a strong case, using sound methodology. Their methods include determining the state of world at the time of each force-structure review; determining the military posture before the review; collecting the assumptions, conclusions, and implementation of the review; determining the results of the implementation; and assessing the lessons after each implementation. Those who work in the programming world realize that budget defense levels are not determined from pursuit of strategy, nor is strategy considered when levels are decided. The authors recommend that executive and legislative members work closer to develop a better planning approach.

This report is probably most useful as a historical review of the programming and force-structure decisions made during the last decade, with a USAF emphasis. The review was written in preparation for the 2001 QDR, and it meets this need as a historical context. It is an excellent summary of force structure and budget reviews during the 1990s.

MAJ Catherine A. Poston, USA, Hyattsville, Maryland

RUSSIA'S CHECHEN WARS 1994-2000: Lessons from Urban Combat, Olga Oliker, The RAND Corporation, Santa Monica, CA, 2001, 102 pages, \$15.00.

More than a century and a half ago, the Russian poet Mikhail Lermontov remarked of Chechens: "Their god is freedom, their law is war." It is questionable whether, in the intervening years, the Russians have taken Lermontov's admonition to heart. Only recently, Russian President Vladimir Putin, in his 2002

State of the Nation address, declared that the military phase of the conflict in Chechnya might be considered closed. Almost concurrently ambushes in Grozny and elsewhere killed more than two dozen servicemen and police; thereby placing a sharp question mark after Putin's public assertion.

In Russia's Chechen Wars 1994-2000: Lessons from Urban Combat, Olga Oliker considers exactly what the Russian military learned in Chechnya. Specifically, what did they learn from the first Chechen operation that influenced planning and execution of the second? Oliker examines the differences in approach to fighting that the Russians took in each experience. The disastrous initial battle for Grozny in late 1994 and early 1995 did, in fact, prompt Russian rethinking before the Grozny redux of 1999-2000. Oliker recounts changes in tactics, equipment, and coordination, among other improvements. She credits the Russian military for acknowledging existing failings in their military and compensating for them. Moreover, she gives attention to the importance of information operations, and closer coordination of fire support sharply distinguishes the second Russian adventure from the first.

Oliker correctly identifies the cardinal error of Russian planners between the wars. She maintains that "because the Russian military so feared urban combat and were so determined to avoid it, they were largely unprepared for it when it came." Russian reliance on high-caliber ordnance could not make up for the deficiency of high-caliber troops. Despite experiential learning afforded by the first war, block-by-block urban operations were unavoidable during the second fight. In the end, an entrenched urban insurgency was not soluble exclusively with application of firepower. Seizing the city (and the region) required infantry.

Oliker's work includes an admirable study of the host of primary and secondary sources detailing Russia's experiences in Chechnya.

Paying careful attention to both Western and Russian materials, her greatest contribution might be the coherent summary of widely disparate information. Her analysis is balanced and thorough. This slim book will find an appreciative readership among military and security professionals looking for a trenchant, concise summation of Russian urban operations in Chechnya.

MAJ Martin Ryan, USA, Plattsburgh, New York

MENDING FENCES: The Evolution of Moscow's China Policy from Brezhnev to Yeltsin, Elizabeth Wishnick, University of Washington Press, Seattle, 2001, 320 pages, \$45.00.

In Mending Fences, Elizabeth Wishnick carefully details the evolution of Moscow's China policy from 1969 to the present. Soviet policy toward China has come full circle from alliance to containment then back to strategic partnership. Wishnick chronicles the policy's slow evolution and lists the players behind the scenes. She outlines the primary problems the Soviets faced during the Brezhnev period that resulted in the policy of containment. The major factors were border and ideological disputes, Soviet intervention in Czechoslovakia, and improvement in U.S.-Chinese relations. These factors culminated in Moscow's hard line against China and détente with the U.S. in an effort to contain China.

After Brezhnev's death, Moscow's policy toward China was in flux because advocates in Moscow and the border regions wanted to improve trade with China. In the middle 1980s, however, Moscow's attitude toward China began to thaw, and change began to speed up. There was a push to improve border trade to spur development in Soviet border regions, and reformers in Moscow were inspired by reforms that were going on in China.

Initially, during the Yeltsin period, there was a move toward the West. However, when market reforms failed to produce success, there was a move toward a partnership with China. The successes with China were in oil and gas and the defense industry. Russia's renewal of relations with China was a counter to NATO's eastward expansion.

Wishnick's portrayal of the slow evolution of Moscow's China policy gives the military professional a good perspective of how strategic policy was formulated in the Soviet Union, and then in Russia. I highly recommend this book.

> MAJ Timothy N. Miller, USA, Nixa, Missouri

THE UNITED STATES AND ASIA: Toward a New U.S. Strategy and Force Posture, Zalmay Khalilzad, ed., The RAND Corporation, Santa Monica, CA, 2001, 260 pages, \$20.00.

The United States and Asia: Toward a New U.S. Strategy and Force Posture, a futures book, vividly analyzes the political environment and how it will affect U.S. national interests. Considering Asia's economic miracles during the last two decades and the stabilizing role the U.S. military provides to the region, the essays in this book suggest that continued U.S. involvement in the region is consistent with current and future national interests. Specifically, they advise that long-term national interests require the United States to directly intervene in Asia to achieve three necessary objectives: the prevention of a regional hegemony, the maintenance of regional stability, and the management of Asia's transformation.

The essays recommend a detailed four-part strategy to help attain the three objectives. First, the United States, where possible, should transform bilateral security alliances into multilateral security alliances. These alliances could then work to strengthen and preserve Asia's security environment. Second, the United States should foster an effective regional balance of power to check future aspirations of regional hegemony by China, India, or Russia. Third, the United States, to preempt any miscalculated assumptions by potential adversaries, should forcefully articulate and manifest its regional interests. Finally, the United

States should advocate the creation of a security forum for the entire Asian region.

Among the authors critical analyses are their assertions that America's enduring ability to continue its policy of forward-deployed military forces in Japan and South Korea is waning. Consequently, based on the technical operating capabilities of current and future U.S. Air Force fighter aircraft, the authors suggest establishing U.S. military airfields in the Philippines and in Vietnam. These locations would permit the United States to better influence foreign policies in Taiwan and the South China Sea area.

This book, both thought-provoking and easily assimilated, would greatly benefit political-military analysts and readers who seek a broad exposure to the security environment of Asia. Without reservation, I strongly recommend this book to all regional policymakers.

MAJ James M. Minnich, USA, Fort Leavenworth, Kansas

THE RISE OF CHINA IN ASIA: Security Implications, Carolyn W. Pumphrey, ed., Strategic Studies Institute, Carlisle, PA, 2001, 308 pages, price unknown.

The Rise of China in Asia: Security Implications is a compilation of essays presented at a March 2001 conference attended by members of the U.S. Army War College's Strategic Studies Institute, the Triangle Institute for Security Studies, and Duke University's Program in Asian Security Studies. Conference contributors discussed the implications of the rise of China for the international community and, in particular, the United States. The essays that editor Carolyn W. Pumphry presents examine the current political climate in China, whether or not China is a security threat to the United States, China's effect on other countries in the region, and the implications of the U.S. political landscape.

"Great Power Transitions" addresses the Chinese political process, focusing on issues that occurred during the waning years of the third generation of leaders. The essay lists some of the potential fourthgeneration leaders and how their actions affect China's domestic and foreign policy.

In evaluating the threat from China, one essayist determined that China is not a threat to U.S. interests. One author presents an interesting discussion on the dilapidated state of the Chinese military and how, despite their best efforts to modernize their industry, weapons, and technologies, they continue to fall behind the United States and its Western allies.

The book evaluates two scenarios

in which China would be a potential future threat to the United States. One would be the financial collapse of the Chinese economy; the second might occur if China's economy strengthens to the point where it becomes a global economic power. In either case, China's military force would continue to fall behind in technology, and the government would not be friendly to the United States.

The book concludes with a discussion of President George W. Bush's policies toward China. The issues discussed center on international security, economic prosperity, and human rights. Regardless of what policies the United States pursues, the Chinese are going to resist pressure to go in any given direction—a direct effect of the period of Imperialism in China before the 1949 revolution.

Even though academicians wrote this book, it is easy to read. But, because of the high level of discussion, with little historical context to support or explain arguments, it is not a good book for someone to read to learn the historical significance of any given event. Still, to grasp current headlines about China and to get some intellectually stimulating discussion from people who have time to study the area, this information will be helpful.

MAJ Brian Patterson, USA, Fort Leavenworth, Kansas

MRLetters

Magic

Thank you for the courtesy copy of the review of Magic: The Untold Story of U.S. Intelligence and the Evacuation of Japanese Residents from the West Coast during World War II by David D. Lowman (Provo, UT: Athena Press, Inc., 2001), which appeared in the September-October 2002 issue of Military Review. I am pleased, of course, that it was good review, but I must tell you of my admiration for your willingness to even

do it considering the political implications. I was an admirer and reader of *Military Review* during my years of active service. I am now even a greater admirer for your integrity and courage. This important part of military scholarship is in good hands with you at the helm. Thanks again for the copy.

Lee Allen, Athena Press, Provo, Utah

Editor's note: Military Review tries to provide a forum for fair, balanced debate.

A Fiasco

I was glad to see that in his article "Equipping the Force" (Military Review, May-June 2002) Brian J. Dunn takes a more independent view of Army Transformation than is usually seen in Army journals. An author is always pleased to see his work ("Remaining Relevant," Armed Forces Journal International [October 1997]) cited, but unfortunately, Dunn appears to be unaware of my more relevant paper, "The 'Shinseki Trans-

formation Initiative'—is a Fiasco' (publishing citation not given, revised 27 May 2002). The heart of the latter paper is that Army Transformation, at least the vehicle part of it—the modified IAV [interim armored vehicle] (a modified LAV [light armored vehicle] III)—is a multibillion dollar fraud.

In October 1999, Chief of Staff of the Army (CSA) General Eric K. Shinseki said that he had several goals to make the Army more deployable; specifically the following:

- 1. The Army needs light armored vehicles deployable by C-130 transport aircraft.
- 2. That he saw buying wheeled armored vehicles as being the best means to meet that goal.
- 3. That he wanted to buy off-theshelf vehicles to minimize cost and schedule.

Some have said that the CSA did not propose "exactly" the above goals. That is disingenuous! The military is a "command society," and he made his wishes quite clear. I base my conclusions on the following:

Item 1 is grossly misleading, since the Army already owns, and has owned for 4 decades, approximately 17,000 M113 Armored Personnel Carriers (APCs) fully capable of being deployed by C-130s. Surely we can expect Shinseki to know that the Army has 17,000 LAVs capable of being deployed on C-130s.

Item 2 is false. The only comparative data available (Army data) show the superiority of tracked armored vehicles over wheeled armored vehicles for combat operations. Wheeled vehicles are essentially roadbound and not able to maneuver freely in combat. Does HQDA believe that we should equip ourselves for combat in a way in which we would be immobilized in a fight where there are no roads, such as in the Philippines or Indonesia, which is a hotbed of Muslim unrest? Does Shinseki's scenario allow for rain?

Item 3 is false in two ways, since according to Army data the vehicle the Army chose is *not* transportable by C-130s, and the LAV III will *not* be bought off the shelf, but will be modified to be deployable in a C-130.

Don Loughlin, Lynden, Washington

Editor's note: The paper Laughlin discusses in this letter was written before 911.

What Defines "Definitive"?

I would be most grateful if you could kindly put me in contact with Lieutenant Colonel (LTC) Robert G. Smith, USAR, who wrote a review of my book, *Race for the Reichstag: The 1945 Battle for Berlin* (London: Frank Cass, 1999), in the May-June 2001 issue of *Military Review*, a copy of which I have just received.

As an active lecturer and staff-ride guide on the 1945 Berlin battles, I am most anxious to correct the errors in my book that he refers to and also to discover what he regards as the definitive work on this subject. I might add that Colonel David M. Glantz does not share Smith's views on my work!

LTC Anthony H. Le Tissier, MBE, Retired, Somerset, Great Britain

Editor's note: LTC Robert G. Smith is unavailable for comment.

Command Post "Turf"

Overall, Lieutenant Colonel Jack Burkett's Military Review article "Radical C2 Doctrine and Design" (September-October 2002) is insightful, and I applaud Burkett for entering into the command post (CP) dialogue. From 2000 to 2002, I was Chief of Command, Control, Communications, Computers, and Intelligence, Surveillance, and Reconnaissance (C4ISR) and Battle Command in the U.S. Army Training and Doctrine Command (TRADOC) Brigade Coordination Cell, where I was involved with the design and implementation of CPs or tactical operations centers (TOCs) in the Stryker Brigade Combat Teams (SBCTs). I can attest to the fact that developing effective CPs is a challenge that will continue to require a great deal of attention. Universally, the current species of digitally enabled CPs are too large, too immobile, and too complex. They are failing to live up to the dynamic promise of digitization.

Command posts' current unsatisfactory state is not for a want of trying; it is representative of challenges that need to be rectified in the requirements-generation and the materiel-development communities. Burkett points out that assembling appropriate requirements today normally results in a frustrating collaboration that is a series of compromises. The CP turf war among various TRADOC schoolhouses is not being waged with malice. Rather, each branch believes itself to be important to the fight.

Unfortunately, the mainstream technological solution cannot give the assured communications that will result in a mistake-proof dispersion of information generators, such as intelligence analysts and planners, and information users (operations). As the systems mature, the ability to disperse various elements of the CP with a minimal footprint forward will be realized.

The materiel-development process does not help CP development, integration, or fielding. Unlike a Stryker vehicle, no CP is fielded as a distinct entity. If one were to go to his unit TOE/MTOE to find "Command Post" or "TOC" as a line item, he would not find it. Command posts are not developed and fielded in the classic sense of a system of systems. Rather, they are built. Command posts are composed of a loose, unofficial collection of "stuff" that lacks much of the support, integration, and system new-equipment training that would be received through a more holistic approach.

At Fort Lewis, Washington, CPs were partially built by the TOC project manager (PM). Much of the equipment came from other PMs, and up to eight PMs contributed to the overall CP. We referred to this as "little 't' TOC" versus the more inclusive "big 'T' TOC." The result was a great deal of on-the-ground integration to make things workintegration that included the everfrustrating patches and workarounds that are sometimes documented and passed on and sometimes not. The process included capabilityretarding local compromises by wellmeaning people who wanted to get their bit done and move on. It did not include a comprehensive, long-term system support plan and complete digital training plan (including the sequencing of the establishment of the CP, power-up boxes, and so on). It also did not include safety testing and materiel-releasing in the traditional sense.

The Army needs to begin developing CPs as holistic systems of systems that would include integrated electronics, which in turn would include modular, purpose-built shelters and platforms. Currently, the Army is attempting to adapt 1980s shelters and platforms to 21st-century C4ISR that is only just emerging from a generation of stovepipe development. Power will continue to be a major problem so long as the Army remains tied to the current generation of diesel generators.

In the SBCT, the power-distribution system became exceedingly complex, with the initial schematic not only inefficient in terms of load distribution but also in the creation of near-hazardous fumes and noise. The system required extensive, ongoing redesign and field modification. Technical challenges such as range- and reception-degrading electromagnetic interference will still be treated in an ad hoc, after-the-fact, exploratory manner until we establish some degree of specification.

Burkett says that manning CPs will continue to be a challenge with the need to maintain systems experts. If the Army follows a trend toward using multiprocessor units and integrated C4ISR, it might be able to move away from having subject matter experts "on each box."

The Army needs to move rapidly to develop multifunctional staff members (officers, noncommissioned officers, or soldiers) who can shift between assets and gather the necessary information. This becomes even more acute at brigade and battalion levels because the Army wants true battle command on the move (BCOTM). This will require minimal staffing and technical improvements, such as the secure, wireless, local area networks and a manageable satellite on the move.

The energy, innovation, and dedication of the soldiers and civilians working to solve local problems and make their CPs work must impress anyone who has been to Fort Lewis to see the SBCT command posts. However, establishing a new generation of CPs that will support a highly mobile, agile, digital force will necessitate continued development and ingenuity at all levels.

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